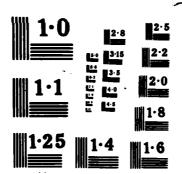
116 RIYADH SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS...UI AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUM 85 USAFETAC/05-85/024 AD A159 667 NL UNCLASSIFIED



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DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

RIYADH SAUDI ARABIA N 24 43 E 046 44

ELEV: 2082 FT

MGC #404380 0 RY

PARTS A-F

HOURS SUMMA JZED:

0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 77 - DEC 84

SUMMARY OF DAY DATA: NONE:

TIME, CONVERSION GMT TO LST: +3

1.4 Jun 1965

"Approved for public release, EDERAL BUILDING Distribution Unlimited." ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

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This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

WAYNE B. MCCOLLON

Chief, Document Research Section

E. M. Collon

USAPETAC/LDX

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	EPORT DOCU	MENTATION	PAGE		
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b. DECLASSIFICATION / DOWNGRADING SCHEDULE			bution unlia		
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RIYADH SAUDI A 2. PERSONAL AUTHORIS)		(213065		(Unclassia	E COUNT
Data Summary 13b. TIME COVER DATA SUMMARY FROM JAN 3	TO DECRY	14. DATE OF NERO			120
	a. SUBJECT TERMS (Cananus an revers	if necessary an	distances by by	ock number)
FIELD GROUP SUB-GROUP	*climatolo	gy *weather	ne teoro	logical co	ditions
04 02	• · ·		• •	(continued	over)
This summary is similar to the (RUSSWO), but is based on data i.e., those that take weather of the summary is in five parts: PART C, Surface Winds; PART D Summaries; and PART F, Pressur See USAFETAC/TM-83/001 (AD-A132 Surface Weather Observations (R instructions for use.	AUD/ ARA Revised Unifo collected fro bservations 1 PART A, Weath , Ceiling and e Summaries. 186), An Aid	BIA. rm Summary of m limited-dut ess than 24 l er Conditions Visibility; Note that Pi for Using the	f Surface We ty weather of hours a day, s and Atmosp PART E, Ps ART B, Precis a Revised Un criptions of	pather Observing a 7 days a pheric Pher pychrometri pitation, aform Summ contents	tations; week. cmena; c is omitted ary of
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Jo. Name of Responsible Individual Marie Makefield		226. TELEPHONE (618) 256-			TAC/LDD

\$3 APA address may be used until exhausted.

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

18, Subject terms cont.

winds precepitation

temperature

relative humidity

visibility

barometric pressure sky cover

psychrometric data

ceiling

Limited Surface Observations Climatic Summary LISQCS

RIYADH SAUDI ARABIA

SP 404380

The number that identifies the station in this summary is an AWS Master Station Catalog humber. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES (LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

- 1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
- 2. A brief description preceeds each summary.
- 3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
- 4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
 - 5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

Part 1: Weather Conditions

Part 2: Surface Winds

Part 3: Ceiling Versus Visibility; Sky Cover

Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity

Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200 1200-1400 0300-0500 1500-1700 0600-0800 1800-2000 0900-1100 2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarised on front cover to determine which hours are included in these two hour groups.



404	O ON SUMMARY	STATION NAME RIYADH, SAUDI ARABIA		N 24	j	LONGITURE 12-046-44	FIELD ELEV	FFT CALL	RY	
404.	560	STATION LOCA	TION A							l
UMBER OF OCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LO		LATHTUDE	CONG.1136E	· · · · · ·	ON APOVE MSL	085 PEA DA1
1	Riyadh,	Saudi Arabia	ARPT	Jan 77	Dec 84	N 24 43	E 046 44	2082 F1	''nkn	.24
UMBER	DATE	SURFAC	E WIND EQUIPMENT	IN FORMATION						
OF OCATION	OF CHANGE	LOCATION	2 11110 24011 4241	TYPE OF TRANSMITTE	TYPE OF R RECORDER		REMARKS. AD	DITIONAL EQUI	PMENT, OR RE	ASON FOR CHANGE
1	Dec 84	Unkn		Unkn	Unkn					
					<u></u>		CONTINUED OA			

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WEATHER CONDITIONS

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms -- All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) -- Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

<u>Percentage of observations with precipitation</u>—Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision—included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

1

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 74 38 0 MOITATE	RIYAUH SAUUI ARABIA STATION NAME	7 <u>7-84</u>	MAL HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FCG	SMORE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF GSS.
JAN	<u> </u> <u>0 - 0 2</u>		1.9				1.9	3.3	15.0		2.3	21.4	215
	U3−05	ļ 	. 9				.9	4.3	9.1	i	2.6	16.1	230
	56-58		1.5				1.5	6.1	11.1	1	1.0	13.2	198
	69-11	: •	1.3				1.3	6.7	63.4	ļ	2.9	73.1	238
	12-14	.4	1.7				1.7	1.7	46.1		8 • 3	56.8	241
	15-17	i i	1.3				1.3	. 4	26.5	-	7.6	33.6	238
	18-20		.9				.9	. 4	30.8		5.0	36.3	234
	21-23		1.3				1.3	2.1	24.3		4.3	30.2	235
·								- 					
TOTALS		• 1	1.4				1.4	3.1	28.6		9.4	35.7	1829

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OSSOLETE

CLUPAL CLIMATOLOGY SKANCH USAFETAC AIR WEATHER SERVICEZMAC

WEATHER CONDITIONS

TEB
STATION STATION NAME

77-84

FEB
STATION STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF W. ATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND OR HAZE	BLOWING	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	<u>00-02</u>	• ————	2.9	<u> </u>			2.9	1.9	15.5	: +	4.3	21.7	207
	63-35	• 5	1.4				1.4	3.7	15.2		. 9	19.8	217
	06-08	• 5	• 5				-5.	5.0	17.0			22.0	200
	09-11	. 5	1.4				1.4	5.5	68.5		. 9	74.9	219
	12-14	.5	2.7				2.7		48.4		10.9	59.3	221
	15-17		2.2				2.2	. 4	30.4		8.9	38.8	224
	19-20	•5	. 9				.9	• 5	32.4		7.4	39.4	216
<u></u>	21-23		2.7	ļ 			2.7		22.7		4.5	27.3	220
	1												
TOTALS		• 3	1.8				1.8	2.1	31.3		4.7	37.9	1724

USAFETAC $_{JUV.64}^{PORM}$ 0-10-5(QL A), previous editions of this form are desolete

SLUPAL CLIMATGLOGY PRANCH USAFETAC AIM WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 14387 RIYAUM SAULI ARABIA
STATION NAME

8 4 YEARS M A ₽

PEFCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	40-02	1.3	6.1				6.1	. 4	19.5		5.9	25.5	231
	03-05	. 4	1.3				1.3	2.5	17.5	, !	4.2	23.6	243
	80-40		1.3				1.3	3.6	25.4		3.1	31.7	224
	39-11	!	3.3				3.3	4.6	65.6	: ! !	3.7	73.9	241
	12-14	. 4	2.1				2.1	.4	48.1	·	10.8	59.3	241
	15-17	. 4	2.1	-			2.1	.4	33.3	ļ 	€.6	42.4	243
	18-20	.4	1.6	-			1.6	. 4	27.9		11.1	38.9	244
	21-23	1.2	4.5			-4	5.0	.4	20.7	,	9.1	30.2	242
	! !												
													-
TOTALS		•5	2.8			•1	2.9	1.6	32.3		7.2	90.7	1906

USAFETAC PULY 64 0-10-5(OL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

WEATHER CONDITIONS

4 34 38 0 R3

RIVADH SAUDI ARABIA

77-R4

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND. OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.9	1.8			• 4	2.2		22.5		4.8	27.3	227
	03-05	.4	3.0				3 • C		19.8		3.6	23.6	237
	06-08		2.2				2.2	3.1	43.6		1.3	48. D	227
	09-11		1.3				1.3	.4	70.0		5.4	75.4	240
	12-14		1.3			. <u>. </u>	1.3		46.8		10.5	57.4	237
	15-17	. 4	1.3				1.3		36.5		8.4	45.2	239
 	18-20	1.3	1.7				1.7	. 4	33.8		11.8	45.6	237
 	21-23	.8	2.9				2.9	.4	25.5		10.5	35.1	239
TOTALS													

USAPETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLET

GLORAL CLIMATOLOGY RRANCH USAFETAC AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 74 38 9 RIVADH SAUDI ARABIA
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		1.3				1.3		15.7		10.0	25.8	229
	03-05		. 6				.8	1.3	16.7		3.8	21.3	240
	06-08	.4	.8				.8	. 8	49.2		3.4	52.9	238
	09-11								69.0		9.0	78.0	245
	12-14		.4				.4		50.4		8.9	58.9	246
 	15-17	. 4	1.2				1.2		30.6	ļ 	4.1	34.7	245
	18-20	.8	2.5				2.5		29.5	<u></u>	8.3	37.8	241
····	21-23	. 8	1.2				1.2		19.0		7.3	26.3	247
TOTALS		• 3	1.0				1.0	.3	35.0		6.9	42.0	1931

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDI

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

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RIVADH SAUDI ARABIA
STATION NAME

YEARS

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER: STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND: OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00 - 02		• 5				•5		15.8		5.4	21.2	222
	03-05	· · · - ·		•					16.9		3.5	20.3	231
	D6-08								58.6		2.2	60.8	227
	09-11	.			·				69.3		10.9	79.4	238
	12-14		.4	1			.4		31.5		17.0	47.7	235
	15-17					- 			11.4		19.9	31.4	236
	18-23		·	:					13.2		20.1	32.9	234
	21-23								19.6	ļ	5.1	24.7	235
	•												
	·		ļ						-				
	<u> </u>								ļ				···
	: 								<u> </u>				
TOTALS			•1						29.5		10.5	39.8	1858

GLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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RIVADH SAUDI ARABIA

77-84

VEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	20-02						-	.4	11.3		1.3	13.0	230
**	03-05								11.4		1.2	12.6	246
	06-08								50.4		2.1	52.5	238
	09-11		 						71.8		9.4	81.2	245
	12-14			<u> </u>					25.0		16.0	40.6	244
	15-17								10.6		16.3	26.4	246
	18-20			.					9.9		18.6	28.5	242
	21-23								15.3		4.1	19.4	292
													-
TOTALS								1	25.7		8.6	34.3	1933

USAFETAC JULY 64 0-10-5(QL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SEGPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 14 38 0 RIVADH SAUDI ARABIA
STATION STATION NAME

3.4

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & ; OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	80-02			!					9.6	i i	1.3	10.9	229
	03-05			i					7.3		1.6	8.9	247
	06-08	.4	.4				. 4		49.8		.9	50.2	229
	69-11		·						71.3		5.3	76.5	247
	12-14								24.7		10.5	34.7	239
	15-17				! !				12.3		11.5	23.4	244
	18-20		·					· · · ·	11.5		11.9	23.5	243
	21-23	 					-		13.6		1.2	19.8	243
	•						-						
TOTALS		.1	•1				•1		25.0		5.5	30.4	1921

USAPETAC RAY 64 0-10-5(QL A), PREVIOUS SUPROVS OF THIS FORM ASS OSSOLETS

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 14 380 RIYADH SAUDI ARABIA
STATION NAME

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02								6.2		4	7.1	226
	03-05		 						5.9	ļ	1.7	7.1	238
	06-08							. 4	50.0		1.8	51.8	226
	69-11								83.6		3.8	86.6	238
	12-14	ļ 							27.7		5 • 1	32.8	235
	15-17	!							5.5		6.7	11.8	238
	18-20								6.5		6.1	12.6	230
	21-23								5.1		1.7	6.8	237
 -		,											
	<u> </u>						 	*,					
···-											<u> </u>		
TOTALS								1	23.8		3.9	27.1	1868

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS POINT ARE OSSOLET

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4 34 38 D STATION	RIYADH SAUDI ARABIA	77-84	O C T
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
001	00-02		.9				.9	• 5	4.6		1.8	6.8	219
	03-05		1.2				1.2	1.2	4.5	<u> </u>	.4	6.1	244
	06-08	Í	2.1				2.1	1.3	32.6		.4	34.3	233
	09-11	ļ .	1.6				1.6	1.2	79.3		.8	81.3	246
	12-14		.4				.4	.4	36.6		2.1	39.3	242
	15-17	 	.4				.4	.4	10.2		.,	11.1	244
	18-20		.4				.4	1.2	16.6		1.2	19.1	241
	21-23		1.7				1.7		9.5			9.5	241
·									·				
TOTALS			1.1				1.1	. 8	24.3		.,9	25.9	1910

USAFETAC POM 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLUBAL CLIMATCLOGY RRANCH USAFETAC AIR MEATHER SERVICE/HAC

WEATHER CONDITIONS

RIYADH SAUDI ARABIA

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	11 5 7 1	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SHOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	: 	.4				.4	. 4	7.9		4.0	12.3	227
	03-05							.4	8.0		. 8	9.3	237
	C6-08		.9				.9	2 • 1	20.6		.9	23.2	233
	09-11							3.3	57.3		.4	61.1	239
	12-14	. 4	.4				.4	<u>.</u> 8	32.8	ļ	4.2	37.4	238
	15-17		.8				.8	.4	13.4		1.7	15.1	238
	18-20							.4	15.0		2.6	17.9	234
	21-23							.4	12.6		.8	13.8	239
TOTALS		•1	.3				-3	1.0	21.0		1.9	23.8	1885

USAPETAC PORM 0-10-5(QL A), PREVIOUS E

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4	14 38 0

STATION STATION STATION NAME

77-84

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- JRMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	· •	1.3				1.3	3.0	11.2		2 • 2	16.4	232
	03-05		.4				.4	4.6	7.5		2.1	14.2	240
	06-08	.4	2.2				2.2	8.0	8.8		2.7	19.0	226
	09-11		2.0				2.0	6.9	57.1		1.6	65.7	245
	12-14		.4				.4	1.2	38.5		5.7	45.1	244
	15-17		1.6				1.6	1.2	22.2		2 • 8	26.2	248
	18-20		1.2		_		1.2	1.6	26.2		2 • 5	29.9	244
	21-23	 	1.2				1.2	1.6	19.4		2.0	23.1	247
	1												
TOTALS		.1	1.3				1.3	3.5	23.9		2.7	30.0	1926

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDMONS OF

GEURAL CLIMATOLOGY RAANCH U LAFETAC A IR WEATHER SERVICEZMAC

WEATHER CONDITIONS

04380	PIYACH	SAUDI	APABIA
STATION			STATION NAM

l Ve A

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

мОМТН	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZ NG RAIN & OR DRIZZLE	SNOW AN' OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/ OR HAZE	BLOWING	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL	1	1.4	· — ·			1.4	3.1	28.6		4.4	35.7	1529
FEB	· :	• 3	1.8				1.8	2.1	31.3		4.7	37.9	1724
MAR	 	5	2.8			.1	2.9	1.6	32.3		7.2	40.7	1906_
APR	· ! •	5	1.9	·		•1	2.0	. 5	37.4		7.1	44.7	1883
MAY		. 3	1.0	·			1.0	.3	35.3		6.9	42.0	1931
JUN		İ	-1	:			•1		29.5		10.5	39.8	1858
JUL		ļ		<u> </u>	············	<u>-</u>		.1	25.7		8.6	34.3	1933
AUG	 	.1	-1				•1		25.0		5.5	30.4	1921
SEP									23.8		3.4	27.1	1868
oct	:		1.1				1.1	.8	24.3		.9	25.9	1910
NOY		.1	.3				•3	1.0	21.0		1.9	23.8	1885
DEC	: L	.1	1.3				1.3	3.5	23.9		2.7	30.0	1926
TOTALS		•2	1.0			-0	1.0	1.1	28.2		5.3	34.4	22574

USAFETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

2

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BTAYION	STATION NAME		WONTH
		A T AE :	HOURS (L.S.T.)
	coi	IDITION	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• i .	2.5	1.5	?	. 5								6.
NNE	1.	• 3	1.3	. ?								• • •	٥.
NE		1.3	1.4									٠.	٠.
ENE		1.3	• 3									. • .	\ •
E		• (• 2									1.7	4.
ESE	1 1	• :	• 3	. 3								. • .	. t. ,
SE	1.	1.4	• 5	. 7									50.
SSE	1.	3.	7.3	• 5								4	٠,
S	2.2	3.3	5.7	. ?								1 .	-
55W	•	•6											
SW	•	• 3	• ,										5.
wsw												• •	5.
w		• 4	• 7	• ?	•2							1.	ė,
WNW	•	• *	. 3		5.					1		1.	7.
NW	1.	1.4	• 6	• 5		• ?						5	6.
NNW		4.	7.7	• 6	• 3	• 2	. ?					7.3	7.
YARBL													
CALM	> <	> <	> <	> <	> <	> <	> <	> <	> <	\sim	><	• .	
	12.	29.1	19.1	3.8	1.3	3	- 2 -			· · · · · ·	£===>	1	4.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

1 SERVICE FHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	147 th 52 hy 1	F F FAbia	77-£4						JAM
STATION		STATION NAME				YEARS			MOMTH
			ALL	"EATHER					, 6 - 12 ×
	· 		, ,	CLASS					HOURS (L.S.T.)
				CONDITION					
_	 	··					 -		
1	SPEED	1 1			1 1		[1 6	MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		3.5	1.4	1.2								7	5
NNE	!.	1.2	• 3										4
NE		• 1	• C	• 2								•	5.7
ENE		•										1.	2.07
E	•	• ?	• .`									•	4 . 5
ESE		•	• ₹										J . !
SE	•	1.2	• 7	• 3								2.4	ь.
SSE		3.1	3.1									• *	:.
s	. •	• 1	3.4	• 2								14.7	
SSW		• "	• ?										5 • J
sw	•	• '										•	3 . !
wsw	•	• 2										L •-	7.
w		• ,					I	Γ	Ī			• 7	4 .
WNW	•	1.5	د •										5.
NW	i • 1	1.	• 3	• 3	• 3							* • J	4.
NNW	1.	5.4	7.5	1.0		• 5						• :	1.3
VARSL													
CALM		$\supset <$	> <	><	$\supset <$		$\supset <$		><		>	4	
	14	26.	14.9	4.3	. 3	• 5						16.5.6	٠.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	. Y & . 4 5 \$ 6 6 4 4 A 4 7 A	77-54		
STATION	STATION HAME		YEARS	MONTH
		ALL SEATHLD		?= /- <u></u>
		CLASE		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	: •	2.5	3.0	. 5_	• 7_								1.5
NNE		2	•	. 7	• 2				L			•	د و پ
NE	• /	1.3	1.									•	٥ . د
ENE	•	• 3	• 3									•	•
Ε		• 3											
ESE		• :]	•	٠.
SE	•	2.	1.7	• ^c ;								•	
SSE	1.	2.4	2.3	• ?								*•-	
s	. 3	• 1	3.2	• 3								1	
SSW	•								[
SW			• >										٠ . د
wsw		• 3											4 .
w		. 3	• 2										
WNW		. 8	• 3	• 2								1 •	٠.,
NW	1.	2.3	2.5	.2								. • .	5.0
NNW	1.	3.	1.5	1.2	• 3							• 1	· . 7
VARBL													
CALM	><	><	><	><		$\supset <$	><	><			><	, .	
	1 .2	_ ti = 3	17.6	3.3	1.2							1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY PRANCH SCIAC PETT OF SERVICEZHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	STEAR SAULT ARABIA	77-84		.; ▲
STATION	STATION NAME		TEARS	HONTH
		ALL MEATHER		.3-11 .
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	3.3	4.5	3. つ	1.4	• 1						13.1	7.6
NNE	• 1	3.5	7.	1 . 4	• 3							7.5	7
NE	•	2 • ₹	1.5	• 6									5.6
ENE	•	1.3	- 1	• 1									5.3
E	: • 2	1.	• 3	• 1	•1								5.1
ESE		1.4	.4									. •	4
SE	•	2.2	2.3	.6								5.	U . /
SSE	1.	5.6	3.2	1.0								11.1	5.4
\$	1.	7.1	7.2	2.3	• 3							1 3	7.3
SSW	• '	• 7	• 1									1 o č	5.
sw	•	• 5	. 3									1.2	5.0
WSW	•	• 1	• 1									• 4	4.3
w		• 9		• 1								1.7	4
WNW		• 3	• 1									• 7	3.4
NW	•	•1	• 3	. 7	. 4								11.1
NNW	1.7	1.4	1.6	1.6	• 7							1	9.2
VARBL													
CALM		><	$\geq <$	><	><	><	$\geq \leq$	$\geq <$	><	\times	$\geq \leq$	16.0	
	11.3	32.2	24.4	11.4	3.3	• 1					,	100.0	0.2

TOTAL NUMBER OF OSSERVATIONS

. 2.

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

AL TRANSPOLOGY MAND

< SERVIC / AL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATUM SALUT AVACIA	17-24	YEARS	JA:
STATION	STATION RAME	ALL WERTHER	VIAB	1 14.7.0 HOURD (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Z	,	2.3	3.5	3 . 4	1.3							1.00	1.102
NNE	• 1	2.2	7.7	1.7	. 5		ļ					.	9.
NE		2.3	• 6	• 1	• 1							2.0	6.2
ENE	• :	1.3	1.1			_		_				2.6	6.7
E	• :	2.2	. 7									3.€	5
ESE	• \	1.7	1.	• 3								3.0	6.4
SE	•	3.6	2.4	. 4								7.06	6.7
SSE	•	4.4	5.3	1.0								11.3	1.5
S	1.1		7.2	4.2	.6							1 5	6.7
ssw	, Li	•	1."	• 5									7.5
SW	. 1		• 6	. 4								1.4	7.1
WSW	• 1	1.7	. 7	• 1								2.1	0.6
w	• .	1.1	1.7										6.7
WNW	• !		1.1									2.2	7.1
NW	. 4		1.1	. 9	.1	•1			<u> </u>			3.6	9.0
NNW		1.4	1.1	2.	.6							. 5	10.2
VARBL													
CALM	><	$\supset \subset$	$\supset \subset$	> <	$\supset \subset$	>>	$\supset <$			$\supset <$		•6	
	. 7	32.0	13.1	15.2	3.3	• 1						110.0	7.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CETMETCLOSY KANCH CLTAC LEST HA SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET | SET

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• "	1.5	4.5	4.	1.5							1.1	11.1
NNE	1.7	1.0	3.7	٠,	. 3							7.8	7.7
NE	•	1.	1.9	• 1								4.3	0.4
ENE	• '	1.	1.3	• 1								**	6.7
E	1.	1.6	, 7	• 1								•	
ESE	• 1	1.	1.5	.4		• 1							7.0
SE	•	4.3	3.0	.9	. 4							•	7.8
SSE	1.	4.	4.3	1.3	. 1							11.	7.+
5	•	5.7	6.3	2.1	1.0	• 3						14.1	٠.,
ssw		• 7	• 5		. 1							1	0.9
sw	- 3	•	• 4	• 1								1.5	5.09
WSW	• `	•	. 4	. 4								2.1	7.7
w	. •	1.	• 7	• 3								3.4	6.4
WNW		• :	- 1	. 1									7.2
NW	•	. 3	1.5	1.5	. 4	• 1			L			4.3	11.5
NNW		1.2	2.1	2.4	•6	. 4						0.7	11.7
VARN		•							L			. 1	1.0
CALM	> <	><	><	><	$\geq \leq$	><	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	•	
	. 6	24.0	33.5	15.1	4.9	1.0						106.0	7.0

TOTAL NUMBER OF OBSERVATIONS

664

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

E TO THATTERUM HAS UN

DATE FR. SERVIC STAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TYAUN SA UT ARABIA	77-54 VYARE	BONTH
		ALL MESTHER	MOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.0	5	2.5	2	3						1	5.3
NNE	• "	3.5	4.5	2.0	• 5							11.	- • ·
NE	1.	2.5	3.9	• 5								• -	0.1
ENE	•	1.	1.	• 5	+ 3			L				• ;	7.3
E	4.5	2.7	1.5									1	5.7
ESE	•	4?	• 9								Ĺ	1.9	٠,٠
SE	•	• 3	2.7	• 5									ړ و ت
SSE	1	6	5.3	.0	•2							12.5	7.1
S	1.	2.5	3.	1.1	• 2							' • L	7.3
SSW					• ?							•	17.
sw			• 2									•	:.0
wsw	•	• 2	• 2									• _	5.7
w		•	٠٠	• 2	. 2							1.4	104
WNW		• 7	• 2	.5								1.1	y . 4
NW		• 1	• 1	•6	• 3						{		11.1
NNW	• 1	•	2.0	1.4	• 3							4.7	9.6
VARBL	•	• 2											3.3
CALM		$\supset <$		><	><	$\supset <$	$\geq <$		$\supset <$			10."	
		34.1	33.3	16.5	2.3	.3						100.4	6.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALCOHOLDSON AND A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	THE WAR SA ST ANALYA	77-64 YRANS	JA -
	ALL	EATHE D	HOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	• 2	5.1	. 7	• 3	• 2						1~•	2.1
NNE	•	. • ?	4.4	1.4	. 3	• 2						10.1	(• 1
NE	•	3 • 5	4.7	. 3								ڏ ه	7 • .
ENE	•	1.5	• 5	• 3	• 2			}				:• 3	0.0
E	1 • 1	1.	• 1:	• ?								3.	5.4
ESE	•	• 0	1.2	• 5								• 3	6.17
SE	•	1.5	1.7	. 7								4	U = 5
SSE	. • ·	5.0	4.7	. 9	•2							1:.4	6.4
5	•	1: • ?	4.4	• <								1	د ه یا
55W												1	
SW	•	• 3	•.7										2.3
WSW		•										•	4.,
w			•		• 3							•	9.3
WNW	• 1	• 5	. 3	.2	• 2							1 -	7.7
NW	•	• '	• 5	• 5							i	2.1	1.5
NNW	•	1.	2.4	.3	• 5							• 1	e • 2
VARBL	•	• ?				ļ — — —						• .	. •
CALM	\searrow	\times	> <	> <	$\geq \leq$	\times	> <	\geq	$\geq \leq$	\geq	\sim	1 .	
	11.1	3	31.0	5 و ن	1.8	• !						100.0	_5 . i

TOTAL NUMBER OF OBSERVATIONS 5.6...

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

E COLONIA TO ECCO CONTRACTOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION MARK	77-64 YEARS	MONTH
	ALL - i	ATHER CLASS	MOWERS (6.5.T.)
	co	MOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.7	3.9	2.1		-1						11.	7.01
NNE		2 • •	2.€	1.0	. 3	•)						• 3	7.7
NE	•	2.	2.1	• 3	.0							• i	
ENE	•	1.3	• '	• 1	• 1								ι.3
ŧ		1.4	• 9	• 1	• 5								5
ESE	• :	1.	• 8	• 2		• (1)						1	L.
SE		2.8	1.4	• 5	• 1								
SSE	1.	4.4	4.0	. 0	. 1							1 /	5.00
S	1.	5."	3	1.4	• 3	. 3						14.0	1.
55W	•	• 3	• 2	• 1	• "							•	L.
sw	•	• 5	• ?	• 1								1.	5.0
wsw	•	• 5	• .	• 1								• 4	C • i
w	• 1	•	- 4	• 1	•1							1.	ن و ن
WNW	• 1	• 5	. 4	• 1	• ~							1 •	6.
NW_		1.0	1.1	• 6	•2	• 1						3.0	8.
NNW	•	2.1	2.1	1.3	. 4	• 1	• D					6.	8.
VARBL	•	• 1										• 1	3.
CALM	><	$\supset <$	> <	><	><	><	><	$\geq <$	$\triangleright <$	$\supset <$	><	e 1 • i	
	1 .	3J.2	26.3	8.9	2.3	. 3	•0		1			100.0	٥,

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

AL SETMATSEMSY MARION ETAC ACAT FA SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.	3.1	2.7	1.5	. 3								7.4
NNE	•	1.0	3.1	1.5	-2] _			100	E • 4
NE	•	• 5	1.7	• 7								> • "	7.5
ENE	1	• "	1.	• 5								2.2	₹ • 5
E	•	• /	• 0	• 2	•2			1					5.5
ESE		. 7	. 9	• ?								•	0 • 1
SE		3.2	• * * * * * * * * * * * * * * * * * * *	•?								3	6.
SSE	1.	4.1	3.1	1.4	•2							10.	6 - :
5	1	6.1	4 . 3	• 5								1.03	0.5
ssw	•	 										• ?	3.0€
SW	•	• 5,										• 7	4.5
WSW		• `	• 3									• 5	7.3
w		• 3		•?	• 2					1		1.00	3.2
WNW	•	• 3	• 9									1.	5.3
NW	•	2.2	1.0	• 5	• 3	•2						- 1	7.3
NNW	1.	4.4	1.4	.3	.7								6.3
VARSL	1		ļ —						<u> </u>		<u> </u>		
CALM		> <	$\overline{}$	> <	$\supset \subset$	$\supset <$	> <	7 .7					
	10.2	2 - 2	22.0	7.7	2,0	•2						1.40.8	> .

TOTAL NUMBER OF OBSERVATIONS

5 . 6

USAFETAC RIL AA 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

WE STEAM TOERS OF A GOOD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 2 2 STATION	TITADA SA UL A AULA STATION MARE	/ 7 - 3 4 YEARS	NONTH
	ALL MEAT		HOURS (L.S.T.)
	CONDITY	юн	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	2.:	3.1	• 5									6.
NNE		1.5	3 • `	1.2								• :	3 . 4
NE	•	<u>.</u> 5		L									4.
ENE		• c ₂	• 3					L					. • /
ŧ	•	• 1	• 5									1.7	ا و د
ESE	• 2	• 7	• 3			L						102	• ◄
SE	<u> </u>	1.	1.7	.2		L							7.1
SSE	, . 2	2.3	3 . 3	1.4	<u> </u>			L					1.1
5	1.	5.0	4.5	.2		• /						1:00	
SSW		• `	L									•	4.
sw	•	<u> </u>				<u></u>						• •	٠
wsw		•		• 3		L						• 7	٠,
w	•	1.3	Ĺ									1	
WNW		•	• 3			<u> </u>						20.	٤. ٤
NW		2.4	1.4	.2	<u> </u>							4.	4
NNW	1.2	2.	2.4	. ?	• 2							1.5	6.
VARBL	L												
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	* +7	
	1 - 1	24.6	21.4	4.9	• 2	• 2						120.0	4 .

OTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

PL CTHATCLOSY -SANCH [TAC - EAT FO SERVIC, ZIAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. T	(VESH SA SET ASABIA	77-54	5 & ?
STATION	STATION NAME	YEARS	MONTH
		ALL LEATHER	. :∂•°***
		CLASS	MOURS (L.S.T.)
		COMPLICIA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	2.	2.1	• 7								···t	1.04
NNE	•	1	1.5	. 9								4.2	7.8
NE		1.	1.3									• 1	G • 4
ENE		•	• ,									-	C .
E	•	• 3	• 5										5
ESE		•.7										•	3 . 3
SE	1.0	1.	1.4									3 •	5.4
SSE	1.	2.5	5.2	• 5						·	1		6.0
\$	• 1	5.7	4.2		L							1. •	5.
ssw	•	• ?											4 . 5
sw	•	• 3										• 🔄	3.5
WSW	•	•7										. 7	3.
W	•	• 7	• 2			}						1.4	4.4
WNW	1.	1.7	. 7									- 1	4.1
NW		2.3	2.1	• 3								. 4	6.:
NNW	i •	7.	3.6	• 5	. 3							. 9	£ • 7
VARBL													
CALM		> <	$\supset <$				><		$\supset <$	$\geq <$. 7	
	1	2 1	.2.2	3 • C	. 3							٠ (. وز

TOTAL NUMBER OF OBSERVATIONS

FE TELLASTORN NO ASS.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-84	
STATION STATION MANK YEARS	MONTH
ALL FRATHE?	_ 5.0-11 5_
CLASS	HOVES (L.S.T.)
CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	1.3	4.6	1.9	.5							يز _	9 . 5
NNE		2.2	3.7	3 - 3	• 2							7 - • -	1
NE	•	1.0	1.7	• ?								41	U
ENE	•	1.	• 5									7.	5.
Ē		1.5	1.7	• 2								4	6
ESE	•	2.4	1.7									7.	5.5
SE		2.4	1.0	.5								1.4	6.
SSE	•	1 • 2	5.3	1.8	• 3							11.0	t.
S	1.	4.3	5.4	2.9	• 3							14.6	10
ssw	•	٠ ۲	- 5									1.	4.5
sw		•		.2									7.
wsw		•	• 7	• 2								1.3	7.5
w		•	• /	• 2								1.4	u.
WNW		• '	• 5	. 3								1.7	6.
NW		•	• 4,	• 3								1.	1.
NNW		1.5	2.	ٿ•ذ	1.1	. 6						7.4	11
VARBL													I
CALM	$\geq <$	><	$\geq <$	$\triangleright <$	$\geq <$	$\geq <$	><	><	> <	><	\geq	1 • 7	
	. 7	29.9	32.1	14.9	2.2	• 5						190.0	

DTAL NUMBER OF OBSERVATIONS

AL CLIMATOLAGY (GAGLA). SETAU

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	A LEAST CA I A WAS IA	77-84	TEARS	MONTH
		ALL REATHER		1 (.C-14):
		COMPLICAN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.7	3.5	4	• 6							. 7	1300
NNE	•	1 . 4	4.	1.7	• 3							3.9	•
NE	i •	1.4	1.5	•2								ز ۱۰	7.3
ENE		• 3	• ;	• ₹								1 de	7.1
E		2.4	! • 1		. ?							,	5
ESE		2.2	1.6	• 5								• -	
SE	•	3.3	3.0	1.1								• 7	7.
SSE	• 7	4.1	5.0	2.2	• 5							1.	9
S	•	4 • 1	5.6	2.5	• 8							1 3	3.7
SSW	•	• 3	1.1	. 3								7	7
sw		• 5	• 4									1.5	0.4
wsw	1	• •	•3	• 8		• 2							7.5
w	1		. 7.	• 5					1	i		1.	4
WNW		•	• "	• 2								1.	7.5
NW			7.1	. 9		• :`						3	7.4
NNW	•	• 5	2.4	3.P	1.3	• 5						, ,	12.3
VARBL													
CALM		$\supset <$	> <	> <	><	> <	$\supset <$		><			•:	
	. 4	25.5	35.7	18.9	3.6	. 8						150.0	7.

TOTAL NUMBER OF OBSERVATIONS

68.

SAL CELMETELOGY - ATOM Litar Dit - Reservice (144

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1 A F 1 A F 1 (6) A F 1	77-84	
BYATION	STATION NAME	YEARS	BONTH
		ALL REATHER	4 0-17
		CLASS	HOURS (L.S.T.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.2	4	4.1	1.4	. 2						1	1.0
NNE	• "	2.7	3.5	1.9	1.	• 2							7.5
NE	•	1.5	2 • 2	• 1								• •	7.
ENE		1.1	• 5	• 2								• 6	U .
Ē	•	1 . :	2.1	• 12								4	7.5
ESE		3. 7	2.	. 6								1.	7.
SE	• /	1.	3.3	1.4	• 2							7	್•.
SSE	•	3.0	5.7	2.9								1 .0	8 . 3
5	•	3.3	5 • 1	2.9	•2							11.:	٤٠:
SSW	• '	• 6	د .									1.	6.0
sw		1.	1.	• 2								2.4	7.0
wsw		i • 1	1.3									2.2	7.8
w		•	1.4	• 5					I			2.4	_ ≎ • `
WNW			. 3		. 2								5.1
NW		•	1.3	1.1	.3							3	13.3
NNW		• 2	2.2	2.2	1.1	• 5						7.3	11.
VARBL													
CALM		><	><	><		> <	><	$\geq <$	$\geq <$	$\geq <$	><	7.3	
	3	45.2	38.8	19.6	4.3	. 6						1,5,5	ه د

TOTAL NUMBER OF OBSERVATIONS

HE CELMATCEOGY (VAM) VIAC VIIT F SERVICEZHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 47.	STAUH CATUI ANABIA	77-34	
STATION	STATION NAME	YEARS	MONTH
	A	ALL OF A PRICE	1 3-000 <u>0</u>
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	%	MEAN WIND SPEED
N	1.	2.	t 7	2.5	• 3					1		13.7	
NNE	•	2 • 3	4.4	5.1	1.3	• ?						14.3	10.
NE	• '	1.	₹.	• 5								. 4	7.6
ENE	•	1.3	2.1	- 4		• ¬							2 . 3
E	•	2.	1.	• 5								• !	6.4
ESE	1.	• 1	2.1	• 5						1			. 6
SE	•	3.	3.0	• 2						!		• 5	0.0
SSE	•	5.1	5.1	. 3								1	t.
S	•	₹.	3.6	2 . 9								i	7.
SSW		•	• ,									• 2	٥.
sw	•	• 5		•								• •	٠.
wsw		•		• ?				i i				• '.	٧.
w		•										•	4.
WNW	• '		• '	•2]			1 • *	7.
NW		•	• 7	. 1								1 •	7.
NNW		•	.7.1	• 7	. 7	• !						4.3	11.
VARBL		•											4.
CALM		><							$\geq <$	$\supset <$		7.7	
	•	31.1	30.5	1:.	2.3	, ,						100.0	7.

TOTAL NUMBER OF OBSERVATIONS

at the Military Asset

Fut 1 Stells

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	77	MONTH
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1	4 • 1	4.	1.0	• 3							11.4	1.2
NNE		5.2	_5 · '	. 4	. 5	L						1	
NE	•	1.	4 .	1.		Ĺ						•_	7.00
ENE	•	•	7 • 1	• 3	. 7	I							ι.7
E	•		7.0	•								5.7	7.
ESE	• 1	<u> </u>	1.2	• 5									t
SE	•	2 •	7.1	• "					L			•	
SSE	•	4.4	4.4	1.7								1.	7.
S	1.1	4.	4	• ₹		<u> </u>	_	Ì				i1.	•
ssw			•		• 1	<u> </u>						l	1000
sw		•							L	i		•	4.
wsw		• .			• "	L						<u> </u>	1
w		•											- • 5
WNW		<u> </u>	• 3			İ			L				
NW		1 • 1	۰ ۹		. 7								/ • •
NNW		1.	1.5	. 3	• 2					<u> </u>		1	<u> </u>
VARBL													L
CALM	$\supset <$	><	><	><		$\supset <$	><	><	><	><	><	1	
	7.1	3 . 2	35.7	5 . 6	2.4							100.3	

TOTAL NUMBER OF OBSERVATIONS

LAE CLIMATOLOGY SANCH

JEAT FR SERVICEZFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1 1 P 1 .	STREET SA TOT STANTA	77-84	ټ ر ٠
STATION	STATION HAME	YEARS	MONTH
		ALL SEATHER	/EE
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.0	4.1	2.1	• 5							1 û o is	ئەغ
NNE	• •	2.2	4.7	2.0	• 5	• 1						5	9.1
NE	• •	1.3	2.1	. 4								4	7
ENE	•	1.	1.0	• 3	• 1.7	• 0						7	7.
E	•	1.6	1.5	• 3	•							. • 6	5.0
ESE	•	1.9	1.3	• 3								• i	6.1
SE	•	2 • *	2,3	• 5	• 1								0.5
SSE	•	3 • 12	4.7	1.5	. 1							10.7	7.
S	' • 1	4.	4.5	1.6	• 2	•0						1. • 2	1.
SSW	•	• ₹	. 4	• ?	• 1)							1.0	6 4
sw	•	• 5	• ?	• 1								• 6	60.
WSW	• :	. 4	. 4	•2	. 1	•0						1.2	to:
w	•	• 5	• 4	•2	• 0						i	1.3	6.
WNW	• 1	• 6	• 6	• 1	• ;							1 . 7	6
NW	•	1.4	1.2	• 5	• 1	• ()						3.5	7.
NNW	• '	1.7	2.3	1.6	• 7	• ?						7.4	5.5
VARBL		• 1										• -	٠.
CALM	$\geq \leq$	\times	> <	> <	> <	\geq	\geq	> <	\geq	> <	><	1	
	/ . 8	26.9	31.0	11.9	2.2	• 4						1	£

TOTAL NUMBER OF OBSERVATIONS 4852

AL CLIMATOLOS HAVEH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	INCON SABOT AGABIA	77-84	ν 4
STATION	STATION NAME	YEARS	HONTH
		ALL SEATHER	~u0+1,7u
		CLANG	HOWRS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.5	4.	2.5	• 3	• 3	. 2	• 2				10.	5 • 7
NNE	•	2.2	3.0	1.2	. 5							9.	
NE	•	1.2	• 5	• 5								2.	6 · B
ENE	•	1.2	1.2	• 3								• 1	7 - 1
E		2.3	1.9	- 8								5	6.7
ES€	1.1	1.	1.9									4	5.0
SE	•	2.2	2.	. 3								1 - 1	6.05
SSE	•	4.3	5.4	1.7								11.0	7.8
<u> </u>		4.7	3.	1.2								11	7.2
ssw		• ?	• 7.										4.5
sw	•	, c,	• 3	• 2								1.1	7.0
WSW	•												3
w		• 3	• 3		• ?								٥.,
WNW		• 6	• 5			• >						1 • ‹	7.4
NW	•	1.1	1.1	, A	. 3								y . C
NNW	•	2.1	2.2	• 9	• ?							1.00	7.1
VARBL													
CALM	\geq	$\geq \leq$	\times	\times	$\geq \leq$	\times	\times	$\geq \leq$	$\geq <$	$\geq \leq$	><	24.42	
	- 1	26.6	29.3	10.4	1.7	• 5	.2	. 2				130.0	ن د ت

TOTAL NUMBER OF OBSERVATIONS

HOME C YEARTENSY OF ANCH

SURFACE WINDS

AT ITS SERVICE MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

,	STERUM SAGUT ARABIA	77+84		· * ·
STATION	STATION NAME		YEARS	MONTH
		ALL MEATHE?		3 30-1536 HOVES (L.S.T.)
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.2	1.4	•6	• 2							3.4	7.2
NNE	1.	1.7	2.6	•6	• *							₽ •*	7.
NE		1 • 1	• 5	• 7			L					•2_	5.4
ENE		• 7	• E;] i •	5.
E	•	• 5	• ?	• 7									5 . 3
ESE		2.2	• 5									• 3	5
SE	• :	2.3	1.7		, , , , , , , , , , , , , , , , , , , ,							•	•
SSE	1.	4 . 7	4.7	• 9								1 /	0.6
s	1.	5.	4.8	• 3								11	6.3
SSW	•	• 3	۶.			1					I	. 5	t.2
SW												• !	3.1
WSW	•	• 1.										• 3	4.4
w	• 1	• '	• 5	• 2								٠.٥	00.
WNW	•	•	• 5	•6	• 3	• 2						2 . 2	11.4
NW	•	7.	1.2	• 3								5.9	6.5
NNW		2.3	3 . 3	1.4	•2							•	7.3
VARBL													
CALM			><	><	><	$\supset <$	$\supset <$	><	$\supset <$	$\supset <$		3.2 • 1	
	17.1	25.5	22.6	5.3	.8	•2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY AND TAC TRUE W SERVICE A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BOITATE	TYRE SA LI ARA IA	? 7 - 2 4 YEARS	MONTH
		ALL WEATHER	
		СОМБІТЮМ	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	3.4	- 5	5	.2							فعد
NNE	1 • 1	•	1.2	.6	• 2								7.
NE	•	1.1	1.1	• 3								1.0	6.7
ENE	•	• 1	• 3									1.2	4
ŧ	•	1.1	• 3									1	5.4
ESE	• `	1.	• 2									6.	4.4
SE	1.2	2.2	Đ.									4.2	4.7
SSE	i . 1	4.0	3.7	• 3				ļ				¥ • .*	5.03
S		€.3	4.7]			1	\$ • 2
SSW	•	- 1.	• >									1.1	4 . 3
sw		• c.											3.5
WSW			• 3	• 2								•	٤
w		1.1	• 10	• 2								• .	
WNW	•	1.4	1.1	• 2								4.	6.
NW		2.2	7.3	. 2								. 6	7.2
NNW	1.	2.5	2.5	1.1	• 3		• 7						5.0
VARSL												1	
CALM	$\supset <$	><	> <	$\supset <$	> <	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	34.7	
	10-7	26.4	22.7	4.0	ý	.2	.3					1.3	•

TOTAL NUMBER OF OBSERVATIONS

PAL CLIMATOLOSK PANGA CLIAC LOAT FA SEAVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_0 i=3	ATGAS TOTAS SHORY S	77-64		<u></u>
MOITATE	STATION NAME		TEARS	MONTH
		ALL JEATHER		House (L.s.Y.)
		CONDITION		

SPEED (KN75) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	• 3		٠., ٦	1	. 7							7.	1.
NNE		l •	3.4	1.7	1.5	• 1						7.4	10.2
NE	• ,	• 1	2.7	. 4								غ • د	7 . :_
ENE	, 3	•	•	• 3								• 3	7 ، ن
E	•	2.4	1.4		• 1								5.7
ESE	1.	2.0	• 7	• 3								- • 4	5.5
SE	•	• 1	7 • 4	. 4								t.	1. 4
SSE	1.	4.	7.5	1.3	. 4							14.	7.7
5	1.	5.	5.6	2.3								11.4	7.4
SSW		•	1.7	. 1								2.	7.5
SW	•	• 19	1.		• ì							2.	7.4
wsw	•	1.3	• tj	• 3	• 1							- 3	7.7
w	•	. 4	•5	• 1	• 3	•1						1.,	16.7
WNW		• 3	. 4	. h.								1.4	- • 1,
NW	•	• 3	1.	• 6								1	7.1
NNW	•	• ?	1.3	2.6	. 4		. 4					• 1	11.7
VARBL								1					
CALM	><		> <	><	><	> <	>>	> <		><		1	
	1 . 7	25.3	34.6	13.1	3.0	• 3	. 4					100.0	7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BOUTATE	STATION NAME		MONTH
		ALL -EATHE -	1 09-14 NOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	2.5	1.8	5							6.	9.1
NNE		2.0	2.4	1.6	. 3	• 1							1
NE	•	1.4	1.6	•6								1	7.7
ENE	•	• 7	• 6	. 3								1	7.:
E		2	1.5	• 3								5.1	0.3
ÉSE		1	2.	• 1								3.7	7.3
SE		1.3	3.3	1.5	• 3							7.8	5.02
SSE			د, • 1	3.0	- 9							13.3	7.4
5	1.	6.2	7.5	1.4								15.	7.4
\$5W	•	1.3	1.1	• 3						1		ذ ٠	t • 3
sw		2 • 12	1.1									2.1	7.1
WSW	•	• :	2.	• 5							i	4	c • 4
w		1.	2.	1.7	• 1	.1						5.4	9.0
WNW	• 1	. 4	• 6	• 1		• 1							8.3
NW		1.	1.0	1.6	• 1							4.	¥.7
NNW		• 3		1.7	1.0					.			13.4
VARBL			i								1	1	
CALM	><	><		$\supset <$	><	> <	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$		7.5	
		2006	37.0	17.4	3.8	. 4						130.0	7.

TOTAL NUMBER OF OBSERVATIONS

EL CLIMATOLOGY HANCH UTETAC LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, <u>43-7</u>	ALEACA ICHAR HUAY.	77-84		* A
STATION	STATION NAME		YEARS	MTHOM
		ALL REATHER		1 0-17 3
		CLASS		HOURS (L.S.T.)
		COMPLETION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.4	1.7	1.9	1.0							• .	1
NNE	• 4	3.	3.7	2.5	. 4							10.0	7
NE	• 4	1.1	2.1	1.3								4.	. ·
ENE	• 1	• ′	1.3	• 1								7.0	7
E	• 7	1.7	1.5	.7	• 1							. 1	7.
ESE	•	2.5	1.3	• 5								ŗ.	6.
SE	•	1.0	3.0	1.8								1	0.0
SSE	•	2.1	4 . 5	2.1	8.							10.	9.
\$	•	1.7	5.2	2.4	• 3							10.2	١
S5W		1.	1.1	• 3								5 • ·	7.4
SW		• 1	• 6	. 7								5.4	7.
wsw	• 1	1.	3.7	1.0	• 1							6.5	2.
w		1.0	3.1	2.1	. 4							3.6	10.
WNW		• •	• 7	• 1	• 1							1.5	٧.,
NW		• 4	• 1	1.3	• 1							?	11.
NNW	• **	1.6	2.3	2.4	.7							7.2	1: •
VARBL													1
CALM	><	><	><		> <	$\supset <$	$>\!\!<$	> <	$\supset <$	> <	> <		
	3	24.1	39.2	21.3	4.2							100.0	

TOTAL NUMBER OF OBSERVATIONS 7 33

PL TO INATOLOGY A ACHIE TOTAL SOFT OF SEA IC 190

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	77-34 YEARS	MONTH			
	ALL E	ALL VEATHE?				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2 • 1	5.6	2.3	1.4	. 1						1	16.
NNE	•	7	₹ • 1	3.2	. 4	_ 5				<u> </u>		1.1	1 1
NE	• "	<i>?</i> •		1.7	• 1							. 7	7.
ENE	•	1.3	1.4	• 0	• 1							5 · .	
E		2.0	2.	1.0								5 . 3	7
ESE	• 1	2.4	2.*	. 3	• 3							(•	Ü.
SE	• '	2.7	4.3	. 4									7.
SSE	• :	3.3	5	2.2	•6							12.02	7.
5	•	1.5	2.3	. 7									7.4
SSW		• '	• 4	• 1								1.2	7.4
sw	•	• 1	_ • 2	• 1	• 1							1	8.4
wsw	•	• 4	• 5									1.2	6.0
w		1.2	2.5	• 9								4	į į
WNW	• '	. 4	• 4	. 3	• 1							1.4	
NW		•	1.4	1.2	• 1	. 4							11.
NNW		1.	1 • "	1.2	• 1	• 1						4.5	7.0
VARBL													
CALM	\times	\times	> <	><	><		><	$\geq <$	$\geq \leq$	><	><		
-		24.2	41.0	10.9	3.6	1.0						17.2.0	

TOTAL NUMBER OF OBSERVATIONS

THE SELMETFURST OF ALLES FRAT OF SERVICE /*AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

,, °	CLYAN SANCI ARANIA	17-54	
STATION	STATION NAME	YEARS	MONTH
	AL	L WEAT ER	1 0 - 93 5 5
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KN75) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• !	1.	- 4	1.9	1.3	• 3	• 1					111.2	1.00
NNE	•	3	5.7	2.2	9]					1	5 . 7
NE		2.	3.6	1.5	• 1				Γ				6.5
ENE	• ,	2.2	1.0	.6	• 1							.4	7.
ŧ	, • 0	3.1	2.2	1.3								• Ł	7.3
ESE	•	2.1	1.3	.6								٠.	C . D
SE	•	1.	2.8	. 7								• -	7.7
SSE	•	3.9	5.1	2.€								1:.	
\$	1.	2.1	2.2	• 3								5.7	6.7
ssw		•	•									. 45	6.0
SW	•	1	• 1	. 1								• 0	7 . 3
wsw	•		• h									• *	7.4
w		• i	• 4	• 3	• 1							1.2	9.5
WNW	• :	1.	• 3	• 3					T			1.	6 . 3
NW		• 5	1.7	• 3	• 6	• 1							11.
NNW	•	1.	1.2	• 6	• 1							14 . 1	7.8
VARBL									I				I
CALM					$\supset <$	$\supset <$			$\supset <$	><		1. •1	
	7.:	26.9	34.9	14.1	3.4	. 4	.1			1		100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

SECTION AC PERCENTAGE FREQUENCY OF WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME

ALL FLATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	1.5	3.6	1.8	P,	. 1		•					1
NNE	i	2.1	3.4	1.7								/	4.
NE	•	1.4	1.	. 7								4	7.
ENE		• •	1.)	• 3	• 0							2.7	7.
E		2 • 1	1.	• 5	•0							۷.	ε.
ESE		2.1	1.4	• ?								4	٥.
SE	•	2.1	2.7	. 7	• *							4	7.
SSE	•	2 .	5.3	1.9	.4							1 .	₫.
5	1.	2. 1	4.7	1.2	• '							11.0	7.
ssw	• `		• { .	• 1								1 . :	٠.
sw	•	•	° r	• 1	• 0							1.	7.
wsw		•	1.1	• 3	• 3							7.02	
w	•	•	1. +	. 7	• 1	• 1						3 • 3	•
WNW	•		٠, ۲	. 3	• 1	• 1						1.	3.
NW	•	1.1	1.2	• 7	2	• 1						3.5	
NNW	•	1.	1.7	1 • c	. 4	•	• 1					1	7.
VARBL												ļ	
CALM	$\supset \subset$	> <	><	><	\times	$\supset \subset$	$>\!\!<$	><	><	><	$>\!\!<$	37.	
	1	25°°	32.3	1.0	2.5	. 4	1	•0	·			100.5	

TOTAL NUMBER OF OBSERVATIONS

AL CERMATOLOGY AND AND THIAC SERVIC ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	175 N SA SI APARIA	7 7 - 8 4	A P
STATION	STATION NAME	YCARS	MONTH
		ALL SEATH 9	1 1, 2-1, 1,
		CIASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.	3.5	1.7	_ڌ •								3
NNE	•	2.:	7.4	1.4	•6	• 3				1			702
NE		2.3	2.6	• 5	•6							4	⇒. 1
ENE		1.4	1.	• 9								4	7.7
E	•	2.4	2.1	• ?		-						• :	U • ≥
ESE		.1		• 5.	• 2	-						ч.	t
SE	• 1	3.5	• 3	.7		• 2				1		• .	: - 5
SSE	1.	2.5	1.1	• 2	1					1		.4	٥٠1
S	. 3	4.1	3.7	• 5								1 . 2	t • a
ssw	•	• .	• ?									1.	ر. د
sw			• 3									1.1	7.2
wsw		• .	• 5									i	ت د
w	•	• 3	•	• ₹								1 •	e ⊕ Î
WNW		• 1	• 3	• ?	• 2								6.04
NW	• 1	• 5	• 3									1.7	4.7
NNW		1.9	1.1	. 3	• 3								7.2
VARBL													
CALM		$\supset <$	$\supset <$		><	><			$\supset <$	$\supset <$	><		
	10.0	27.6	23.2	t-6	2.1	• 5						101.	ن د

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

-- SE- IC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ 1	ware on the action	17- 4		
BOLTATE	STATION NAME		YEARS	MONTH
			<u> </u>	
		CLASS.		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		3.5	3.2	1.1	. (• 2						11.	7.3
NNE	1.	2 • 5	2.3	. 5	• 3		l		<u> </u>			(.1	2.7
NE	•		1.7	• 5									L.7
ENE		1.1	• 2	. 5:	• 2							• 1	200
E	•	1.	• 5									٠.٠	4.1
ESE		• 8	• 3									1.	4.7
SE		2.3	• 7	• 2								3.7	ن
SSE	•	4.	• 5	• ?								1.1	•
S	• 1	4	1.4									1	4
SSW	•	• ^	• 6	• 7									5.4
SW		• 3		• ?					T				٠.
WSW		• `	• ?	• 2							ļ	1.4	4 . 5
w		•	• 5	• 3								• 5	
WNW		1.5	• 9										5.7
NW		. 3										1.	∞ و ر
NNW	1.2	2 •	1.1	• 2	• 2							4 .	5.9
VARBL												1	i
CALM			><		> <		><	\geq	$\supset <$			37.	
	1 . 4	27.3	16.	4.1	1.2	• 2						160.3	

HE CERMATTERS - ALCOHOLIST FREE SERVICEN AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73.5	TIYAUH SOMI CAASIA	77-64	, 0
STATION	STATION MAME	YEARS	MONTH
		ALL SEATHER	1 (n + 1)
		CLASS	HOURE (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.5	3.0	1.5	. 8_							.;	ي و د
NNE		2 • 2	₹.0	• "	. 3	·		1				6.0	7.3
NE	1.	. 4	• -	• "	• 5							4 . ?	7 . 1
ENE	1	1.1	• "	. 7						,			0.
E		1 . ?	• 5									• 4	4
ESE		1.3	• 5										Ŀ.
SE	•	2.	• 5									•	4 .
SSE		• 4	1.4		• :							•	•
5	201	3.	3.7	• 2									į . ij
SSW	1	• *	• 1									•	4.1
SW	•	• h	• 10									1 •	5 • 7
WSW		• 0										1	5 . 6.
w	•	1.4	• .										4.7
WNW		• 5	• ?	• 3								1 •	7.4
NW	•	• 8.	1.1	• ?	• ?							2	1.4
NNW	1.1	3.7	1.4		• 2								L • 5
VARBL													
CALM		$\supset \subset$	> <	><	> <	> <	$\supset <$		><		> <	¥	
	13.	27.1	17.6	u.2	2•	,			1	r		ر.وي ز	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	77-84 YEARS	ZONTH
	311	CLASS	NOUSE (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		4.0		1.7	1.3							· .	1.0
NNE		2.2	₹ .	7.7	. 7	• -					<u> </u>	<u> </u>	150.
NE	1.		1.	• 9	• 3						Ĺ	il	7.
ENE	•	1.	1.0	• 6	• 'ÿ				Ĺ				,
E			2.3										
ESE		2.4	1.7									•	(• '
SE	•	2.	1.4	• 1								4 .	
SSE		3.0	3 . f	1.5	• 3								7.
\$		- •	9	i.								11.	
ssw		1.0		. 4									6.
sw			1.7	. 1	, i							2.4	7 • 3
wsw	,	1.	1.	• 1	• 1							4.	5.7
w	•	1.	• 7										٥ و د
WNW		· i	•										7
NW			• 1	. 4	• 3							2.5	
NNW		•	1.5	• 7	1.3							et •	11.3
VARBL													
CALM	><	><	><		\times	> <	><	\geq	$\geq <$		><		
	/:	29.3	31.3	11.5	5.3	1.0						151	1.

TOTAL NUMBER OF OBSERVATIONS

THE PERMATPEODY HARCH F. TAC FET FR SFRVIC VEAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

+ 15	TABLE TO TARRETA	77-64		8 P			
STATION	STATION NAME		YEAR4	ROLTH			
		ALE SCATHER					
		CLASS		HOURS (L.S.T.)			
		COMPLETION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• :		2.1	1.0	• 9	. 3							9.9
NNE		1.6	2.7	2.0	. 7		• 1					7.•∪	1 .4
NE	• '	₹• *	1.	. 4	. 1							4	6.6
ENE	• i	1.7	2.4	.7		•						•	7 . 7
E	•	3.7	2.0	.6								7.0	€ • 5
ESE		1.1	1.5	1.4								4.	9.
SE	•	2.1	2.4	•6								. 4	7.4
SSE	1.	3.2	3.4	1.1	. 4							• 4	1 . 7
5	1	4.0	4.5	1.9						1		1 • '.	٠.
55W		• 1	1.7	.7	• 1							7.2	ن و ب
sw	. '1	1	1.4	• 1	• 1							4.	3 . (
wsw		1.4	7.1	1.6	• 3							0 . /	8.0
w	•	1.7	• 3	. 4								3.7	to.
WNW		1.1	• 4										5
NW	•	• 5	• f:	•6								•	0.00
NNW	•	1.	1.	7	• 3					Ţ		2.00	4.1
VARBL													
CALM			><		><							10.	
		31.2	31.5	15.8	3.0	. 3	. 1					1:0.:	7.

TOTAL NUMBER OF OBSERVATIONS

AL CETALICEDES SALCHE TAL CIPTUR SERVICES SAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 3	AL SA UT AMABIA	77-84	_ ، مود
STATION	STATION NAME	YEARS	MONTH
		ALL_SEATHER	1 1 2 3 - 1 7 6 3
		CLADO	HOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.7	4.2	4.3	1.0	. 3						11.1	11.3
NNE	•	2.2	4 . 0	2.9	• 3							10.	€ <u>.</u>
NE	•	2.6	4.7	1.3	. 4							. 3.	1.3
ENE	•	1.0	1.0	. 7	• 3							2.2	2 . 4
E		2.3	2.6	• 7								> • /	7
ESE	• 1	2.	1.	• 6								1.1	7.1
SE	•	2.2	3.2	- 6								4	7.5
SSE		2.3	3.2	. 9								7.	7.4
S	1	2.	4.	2 • 3	• 1			<u> </u>				10.7	8.1
ssw		1.	2.0	• 6								4.	7.5
sw	•	1.3	1.2	. 4	. 1				L			4.3	1.5
wsw	. ,	1.4	2.	. 6								4.5	7.8
w		1.0	7.0	• 3		<u></u>						3	7.4
WNW		• /	- L	1.0	. 3							2.1	1301
NW			• 7	. 6		<u> </u>						1.	10.3
WMM	•	1.3	1.5	1.9	• 3	. 3	L					5.	10.4
VARBL													
CALM		$\geq \leq$	\times	\times	$\geq \leq$	X	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	' • i	
	5	25.6	39.3	14.7	2.9	-6						100.5	E a l

TOTAL NUMBER OF OBSERVATIONS

AL CETHATOLOGY - ANGR. 1 TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- q -	FITAGE SA OI ARABIA	77-84	٠ - مُونِهُ
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	. ಬ9≕ಿತ ತ
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• 1	1.	5.3	4.9	1.							1 .	14.7
NNE	. ;	3.1	4.3	3.6	.7	• 3			T			13	1.
NE	• /	/ • 1	5.1	2.5	.6	• 1						1 !	7
ENE		2.4	2.5	• 9	• 3								7.1
E	•	2.5	2.3	1.8	• 1								5. •
ESE	•	2.	2.5	• 3								. 4	6.
SE	• ,	1.1	1.3	• 6						1			7.
SSE	•	2.7	1.6	.7			!		T			- 3	7.
S		1 . 4.	3.3	1.2	• 1				 				۲.
SSW		1.	1.2	• 3								-	7.
SW	•	. 0	• 3	†					1			1.:	5.
WSW		1.0	. 4				<u> </u>		<u> </u>				5.
w	•	1.3	• 7			• 1				1		2.4	7.
WNW		• 1	.4	• 3	. 4	• 1			1	T		1.	14.
NW	• 1		. 19	1.0	•1						İ	2.1	9.
NNW	 	1.:	1.3	1.2	• 3	• :						15 . 4	10.
VARBL	!	 			 				 			ļ -	1
CALM			\supset	> <	> <	> <		> <	$\supset \subset$	> <		7.5	
		27.5	35.4	19.5	3.8	. 9						1 9.,	

TOTAL NUMBER OF OBSERVATIONS 6.7%

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PET OF SEVER SERVER

STATION	STATION NAME	77-84	YEARS	MONTH
		ALL FEATHER		1.7-7.
	<u> </u>	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.7	4	2.4	.6							1.	9.2
NNE		2 • 4	4.2	7,	• 3							10.	5 . 0
NE	• 1	2.	5.7	2 . A	. 4			L	L			11.	9.3
ENE	• 7	1.5	4,5	1.0	. 4	1						• •	> 1
E		2.7	2.2	.7	. 4					[7 • 0	7.7
ESE	•	2.4	1.3	. 4								- 4	6.1
SE		1.5	1.5	. 4		• 1						4 . 3	7.4
SSE	•	2.4	3.1									/· . 6	U = 3
S	•	3.6	3.	1.2	•1							• 0	7.5
SSW	•	• 6	• 4									1 . :	5.6
sw	• 1	• •	• 1									1.3	3.,,
wsw	• 1	•	• 4	• 1								1.5	t.7
w		• 3	• 1	. 1									7
WNW	• 1	•	• 3	.1				1				1.2	2 • 3
NW	• (• 3	• 7	. 6	.6							2.4	11.:
NNW	• '	. 9	1.	. 4	. 4							٠.	0.4
VARBL													
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	13.0	
	7.5	27.2	33.5	14.2	3.4	. 3						100.5	10.2

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY HANCH-LTAC LTGT EQ SEHVICOMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

200	FIRADO SA SEL ARASTA	77-84	
STATION	STATION NAME	YEARS	MONTH
	4	ALL VERTHER	
		CLA96	HOURS (L.S.T.)
	-	CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.4	3.5	2.5	• 5	• ?						19.7	٠,5
NNE	. 7	2.3	3.5	2.1	•5	• 1	• 0					~ •	• ?
NE		2.1	33	1.2	.4	•							
ENE	•	1.5	1.8	.7	• 3	•						4.	
E	• 1	4	1.	• 6	• 1								6.7
ESE	•	2 • 1	1.7	. 4	• 7								6.7
SE	٠	2.2	1.5	. 4		•						4	t.7
SSE	•	. • J	2.3	• 6	• 1							/ •	t.
S	1.	٠	3.6	1.	• 1							7.4	5.9
SSW		•	• 7	• 3	:: •							2.00	v • 7
sw	• 1	•	• 5	• 1	• 1							. • 4	1.0
wsw	•	1.	1.	• 3	• 1					Ĺ		2.4	6.9
w	•	1.	• :	• 2		• `						. • 4	6.5
WNW	• 2	• 7	• 5	• 2	• 1			<u> </u>				1.7	ن و غ
NW	•	• "	• 7		•1							2.1	c • 7
NNW	•	1.5	1.4	. 9	*	• 1						4	: • 7
VARSL													
CALM	><	><	><	><	> <	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.5	
	•	20.3	28.7	12.1	7.0	. 3	•0					1:0.5	ن رد

TOTAL NUMBER OF OBSERVATIONS

5577

VE CLERTIPES: AFC-

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION MARK	77-84	YEARS	MONTH
		ALL SEATHER CLASS		HOURS (L.S.T.)
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2. ∢	2.3	2.5	. 7								
NNE		1	1.0	2.								• >	• 1
NE		1.7	3.4	1.4								. • :	C •
ENE	•	1.4	2.3	j . "	• 2						l		٠,
E		2.7	₹.1	• 6	• 3							7.5	7.00
ESE		2.3	1.9	• 2								5.03	6.4
SE		1.5	. 9							i		7.5	5
SSE	1.1	: • 6	1.7	• 2	• 2							1 • 5.	>
5	• •	4.5	2.3	. 3		l ———				i		1.0	وون
SSW	•	1.3	• ?	. ₹								2	5.0
sw		• 2	• 3	• 2								1	نوا
wsw	•	• ?	• F.		• 2							1.3	• 5
w		1.5	• 5	• 2						i	 	2	ا د
WNW		٠ د	. 5	• 2			1		ļ ———				6.3
NW		1.1		•2	. 2						· · · · · ·	.1	6.
NNW		2.5	1.5	1.4	• 5		Ī						7.4
VARBL		ļ				<u> </u>	T					1	
CALM	$\supset <$	><		><	> <	$\supset \subset$	$\supset <$		$\supset <$	> <		10.8	
	1	31.4	24.7	11.4	1.7							105.0	٤٠٠

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| A 1 | A A | A | T7-24 | MAV | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | ST

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	* 1.	2.1	1.7	.6	•£								7.5
NNE	•	1.	2.3	•	. 5								ತ•:
NE	1	• 3	1.	• 0								3.4	•
ENE		1.1	• F.	• 2]					. •	4.
E		7.5	• 6	• 2								•	٠.
ESE	1.2	1.	1.1	• ?								· • ?	-
SE	• `	2.1	1.1	• 2	• 7								6.
SSE	•	3.0	1.2									ċ.	Ξ.
S		4.4	2.	• 3								. 4	5.
SSW	•	1.1		• ?								1	5 •
sw		• 3	• 2									• 5	4.
W5W		٠.	• 3	.7			I					1.7	5.
w	1.2	1.4	. 3		•2							•.	4.
WNW		• 5	• 8	• 2								1.	7.
NW	•	, G	1.1									•	5.0
WMM	•	1 . "	1.9	1.5	• 5	• 2						. •	40.
VARBL													
CALM		$\geq <$	><	><	><		$\triangleright <$		$\geq <$		><	. • n	
	13.	26.4	16.4	5.1	1.4	. ?						13.	4.

TOTAL NUMBER OF OBSERVATIONS

TE SUIMATOENS LANGE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION		STATION HAME	77-84	YEARS	MYMOM
	<u></u>	/	CLASS		HOURS (L.S.Y.)
			COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.	2.5	4.1	1								7.
NNE		2.5	1.4	1.6	• 5							•	• 1.
NE		1.5	1.5	. 7	• 3							4 .	٠.
ENE		وخ ۾	• 4	• 1								1.	
ŧ		1.3	. ?	• 1									6.
ESE		1.	• 5									. • 6	£ . :
SE		3.1	• •	.1								1.2	Ţ
SSE	• 2	3. 7	2.4	• 1									5.9
S	1.	4.2	2.4									7.4	5.1
SSW		. 4	. 4	• 1								1.3	5.5
sw		1.										1.	3.1
wsw	• , ,	•	. 4	• 1								2.4	4.
w		•	• 1						 			1	
WNW	. 4	•	1.2	.4								•	7
NW		2.1	1.3	• 1	• 1							•	
NNW	7.2	3.3	2.4	1.2	•1				 		l		7.5
VARSL					•••				 			• •	-, • -
CALM	\boxtimes	\geq	>	\times	\times	\times	>>	$\geq <$	\geq		> <	31.	
	12.4	2/.3	13.9	7.2	1.3							150.3	4

TOTAL NUMBER OF OBSERVATIONS

THE CLIPATOLESE OF ANCHOR FOR STATEMENT OF SERVICE AND ANCHOR OF S

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TRAUM SA LI ARABIA	77-64		YA+
BOITATE	STATION NAME		YEARS	MONTH
		ALL EATHER		
		COMPITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	: . 4	3.	2.4	1.4							11.	4 5
NNE		2.4	7.1	2.5	. 7								9.4
NE	•	1.	2.1	2."	- 5								10.3
ENE		. 1	1.3	• 3	. 4	• 1						4.0	7.
E	•	. 1	1.4	• 1								• •	t • 1
ESE	•	2.1	1.1	3	• 1							5.5	6.3
SE	• `	1.4	1.7	. 4	• 3							7.	6.1
SSE	• '	4 . 6	֥2	1.0	• 1							1 .	7.2
S	1 • '	5.2	4.9	• 7	• 1							13.	6.4
SSW		1.	2.0	• 1								. 4	7.3
SW	•	. 7	1.4	• A	• 1							3.5	9.1
wsw	• 1	1.	1.4	• 3								3.4	6.8
w	• 1	•	• 8	• 1									6.
WNW			• 13	• 1								. 6	4.5
NW		• 1	• 3		. 3							• 7	12.2
NNW		• '	1.	1.3	. 4								12.0
VARBL										i			
CALM	$\supset <$	><		><		><	><	$\geq <$	$\supset <$	$\triangleright <$	><	1 4.5	
	5.7	32.	24.8	12.8	4.6	• 1						100	6.9

TOTAL NUMBER OF OBSERVATIONS

71.

AL CLIMATOLING - ANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOIYAYE	STATION NAME	17-54 YEARS	MONTH TO THE
		ALL «ENTHED	1C-14
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.1	2.	2.1	. e É								9.2
NNE	. 4	1.	3 • t	1.1	• 3	- 1							. • >
NE		1.4	1.5	1.2								٠	- 6
ENE		1.2	1.5	• 5								3.7	7.7
Ę	1	2.1	1.	. 4								5.5	C
ESE		1.	2.	• 1									4.5
SE	•	1.4	1.7	. 8	• 1								2.3
SSE	.1	•0	3.7	1.1	. 4							10	7.0
3	1.2	7.1	5.3	. 4								1	0
55W	• !	1./	1.5	. 4	• 1							7.	7.5
SW		1.	1.5	• 6								4.7	7.4
wsw		1.	1.9	7	•1							4.7	7.9
w		2.5	1.5	. 1									7.4
WNW			- 13							T		1.1	1.5
NW		. 4	3	. 4	. 3							1.	10.3
NNW			1.1	1.4	. 3								11.5
VARSL								 	<u> </u>	1			1
CALM	$\supset <$	> <		><			\geq					11.	
		.3.1	33.5	12.7	2.8	. 1						1	ti e 7

TOTAL NUMBER OF OBSERVATIONS

AL COMMETTERS - ANCH DESTROY DESTROY SERVIC MAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, , Ka 1	STYACH SE UT ANALTA	71-8.	· 4 ¥
STATION	STATION NAME	YEARS	MONTH
		ALL SEATHER	7-17-0
		CLARE	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.	2•9	2 • 3	• 1								5.0
NNE	•	2•'	2.4	2.2	• ti								9
NE	•	2 • 2	2.4	1.3						_		٤.	7.0
ENE		1.3	• 7		-								5.4
E	• 1	1.	1.7	• 3									7.2
ESE	•	1.5	3.6	. 5								• •	7 • 7
SE	• '	1.2	1.	1.4								4.	2.4
SSE	•	3 • 3	4.5	• •								. 7	7.1
5	•	• 1	4 • 1	1.3								i 1 • ∠	• 4
SSW	•	1.6	1.7	. 3									7
sw	•	. • 2	2.0	. 4								4.1	7.1
wsw	•	1.7	7.4	. 4	• 1							٠	7.4
w	•	1.5	2.6	. 7					I			5.	7.2
WNW		1.0	1.7	• 3	• 1								ε•1
NW		: • 2	1.2	• 5	• 3							3.42	>=:
NNW	• 1	1.	1.4	1.9	• 1	Γ΄						, id	706
VARBL													
CALM	><	><	$\supset <$	><	> <	$\geq <$	><	><	$\supset <$	$\geq <$		•	
	/ • •	31.5	57.7	14.5	1.4							130.	1.4

TOTAL NUMBER OF OBSERVATIONS

AC TO TWATEROUS ATTOM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

., *,	IMEDIA TALLE A-Abl.	77-84		
STATION	STATION NAME		YEARS	MONTH
		ALL REATHER		1 0-1, 1
		CLASS		HOURS (L.B.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		3.4	4.5	1.9	• 7							11.:	
NNE	. ,	2.	u <u>. u</u>	2.0	. 7	• 1						1 .4	× • •
NE	•		E . 7	2.0	. 3								701
ENE	•	• 7	1.0	• 9								2.	7.
Ε	1.7	1.	3.4	. 0								7	7.
ESE	• 4	2.	2.3	• 5					[0	7.1
SE		2.	2.3										5.7
SSE	1.2	3.5	4.2	. 3	• 1							4.3	t • 7
S		2.3	2. "	. 7								7.0	5.7
SSW	• :	. 4	. 4	• 3								1.2	7.
sw		1.	. 6	.1								•	1000
WSW		•	1.2	• *								ز و ت	: • 0
w	•	• 5	• 7	• 5	• 1	1							1
WNW	•	• 5	• €	• 3							L	1.	5.
NW	•	, 4	. 4		. 4				L			1.	11
MNM	•	1.2	1.7	. A	• 1	• 1	• 1					5	11.1
VARBL		• `						L	L	L		• !	Le.
CALM	$\geq <$	><	><	><	><	$\geq <$	><	><		><		1 - • +	
	7.3	23.5	37.	12.9	2.6	. 7	•i				1	1,00,5	ئەرا_

TOTAL NUMBER OF OBSERVATIONS

AL TOTAL DESIGN OF A CO.

1 51 a IC / AS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LYN H NA A TO BRESTA	17-84		5 g v
STATION HAME		YEARS	MOMTH
	ALL . ATHER		1 5-25.
	CLASS		HOURS (L.S.T.)
	CONDITION		
		STATION NAME ALL - LTIGS S CLASS	STATION HARE ALL - ATION S CLASS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	3.1	3.9	2.6	1.2	• 3	.1					11.	1002
NNE	•	2.7	? • 4	2.2	, li	• 1						• 7	102
NE		?•	5.1	2.2	• 7							12.4	
ENE	•	1.	3.4	.6	. ?	1							1.1
E	• "	?•	₹.0	1.9	• 3							1	
ESE	• 3	2.	1. 7	• 3								. 4	
SE	•	1.5	1.5	. 4									7 • 1
SSE	• 2	3.5	2.2	• 3	• 1	• 1							t
S		3.	3.4		• 1			,				•	5.
ssw		•	• 1	• 3			,					i •	7.
SW	•		• * •										U . 4
WSW	•	• 17	• 1										4.5
w		•	• '	7.									•
WNW		•	• '		• 1							1.2	•
NW	•	1.0	• 7	1.	• 3							. 4	
NNW	• 1	1.	1.5	• 9	.4	• 1	. 1					•	1
VARBL										1			
CALM	\searrow	><	><				><	\geq				11.	
	٠,	21.00	33.4	12.6	4.1	. 7	. 3					10	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	Atomic Carry of Alley	17+04	. 1 9
STATION	STATION NAME	YEARS	MONTH
		ALL ATOF.	104
		CLASS	NOVES (L.S.Y.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	61 - 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.	7.1.	- 6-1	• (;	. 1							· 5 • .
NNE '	•	2.2	2.4	1 • 5	• 1	• 1						7.	•
NE	•	1.	3.1	1.5	• 2	}						•	
ENE	•	1.2	1.5	. "	• 1	•						• •	7 •
E	•	2."	2.1	.6	• 1					i			7.
ESE		2.2	1.	. ?	•							•	•
SE		1.	1.5	. 4	• 1								7.
SSE	. 1	4.7	3.1	• 4	• 1	• 0						• '7	(•)
s	1.	4.7	3.1	, r,	• :							1	٠.
55W	•	1.7	•	• .?	• .				!			2.4	i •
SW		•	•	• 7	• 0								7.
WSW	•	ì.	1.1	• 3	• 1					,			7.
w		1.3		. 4	• *	• `					i		7.
WNW	•	• 5	ζ.	. • 2	• 0							_ i •	7.
NW	. 4	•	•	. 3	• ?								
NNW	•	1.1	1.5	1.4	. 4	• i	•			,	1	5	-
VARBL		•						Ĭ		!	!		
CALM	><	> <		> <	> <	><	><	><	><				
	`	33.2	20.2	11.2	2.6	• 2	.1			farra id	rofeer van 2° }	1 .	

TOTAL NUMBER OF OBSERVATIONS

THE SECRETARISEDGY OF A LAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 4 5- 1	CARUM TA INT ATAGLA	/7-84	Jok
STATION	STATION NAME	YEARS	MONTH
	A	LL - LATHER	3.5+3232
		CLASS	HOURS (L S.T.)
	-	COMPLATOR	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	ff - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	3.4	4.2	1.3	- 5							13.7	7.,
NNE	1.	7.1	2.1	• 5.								' • 1	5.7
NE	•	• 4	• ₈	, F,								-	6.
ENE		1.:	1.1	1.0								•	ხ•
E		1.3	• 1	• 5								• i	Ł.,
ESE	•	• .*	• 6									1.4	: · i
SE	•	1.										1 •	4 . 3
SSE	•	1.0	• ?									1.	5 • 3
S	• '	1.	• 5									•	4.7
SSW		•	• 2			}						• 7	1
sw			• :									•	3.4
wsw	•	• 5	•									1 •	4.0
w	3.	1.3	• 3	• 2								4 • 3	1.,
WNW	1 -	3 . 5	1.6	• ?								• t	5
NW	1.	4	7.4	• 5								•	6 . 4
иим	7.1	• 2	4.0	1.1								1100	tol
VARBL						Ţ							
CALM		$\supset <$	\times	><								2 4 • 1	
	1: .4	32.0	21.1	5.9	• 5							1 3.0	4 . *

TOTAL NUMBER OF OBSERVATIONS

E TO PHOP LOW SALES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10 Co. 1	Frago Na Dil A ARIA	77-84	
STATION	STATION NAME		PEARS MONTH
		ALL ALAT-ER	_ = *ţ
		CLASS	HOURS (L.G.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.2	1.	. 9	7								7.
NNE	•		• 6	• 3									1.4
NE	•	• *	• **					L		l	L		•
ENE		•	•	• 2								• 1	1
E		•										•	4 .
ESE	•	• ?										_ •	4 . 5
SE	I	• 1	• ₹		<u>_</u>							•	7
SSE		1.1	• 3.									; • .	5.5
5	• 1	2.5	• 5									•	4.5
\$\$W			• ?									•	6.
SW		• .		• 2									L.7
wsw			• 2									1	4
w	: •	1.	1.1	.?				1			1	. 4	
WNW	1.	3.7	2.	. ?								7.	4
NW	2.	4.5	3•3	• 3.								1	5.5
NNW	• 3	, . R	3.3	2.0	• 3							1 .7	6.4
VARBL	Ī												
CALM		><	>	><	><		><	><			><	41.i	
	1 1 . 2	25.0	14.	4.0	3.							180.L	300

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ t . ^ _	TIPAGU SAUGI ASAUIA	77-64					
STATION	STATION NAME	YEARS	MOUTH				
	ALL	ALL PEATHER					
		CLASS	HOURS (L.S.T.)				
		CONDITION	-				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.	3.1	7.2	2.	• 3							7.0€	ڏه ع
NNE	•	• 34	1.1	• 3	• 5							3.3	o • 2
NE	•	• 3	• "									1.1	٤٠.١
ENE	•		•									• 3	₹5
E	•	•	• 7									• 1	4.5
ESE		•	• 7									• 3	5 • 5
SE		•										• 7	5.5
SSE	•	• 4	• 7									3.	4.5
5		4.2	• 3									• 1	4.0
SSW		•										• .	4.0
sw	•	•?		• 7								• :	0.7
WSW	•	• ti		•								1.4	4.2
w	•	2.3	• 3	• ?								.•0	4.2
WNW	•	2.2	2.	. 9	•2							7 •	7.4
NW	•	5.9	4.7	1.1		• 2		1				1	6.4
NNW	- 4	6.1	5.6	1.6	• ?							16.	5
VARBL	•							1	1	i			3.3
CALM		\geq	\times	> <	\times	> <	> <	\times	\geq	\geq		3 .	
	12.	25.7	18.2	7.2	1.1	.2						100.0	4

TOTAL NUMBER OF OBSERVATIONS

SAL T. TMATTLOS SONA CH STAT STATES SERVICES AL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	- 1 1 A LO SA TO 1 A A A STATION NAME	77-84	MONTH
	ALL AL	ATHER AND	C = 1 1 C
,	сон	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
z		3.2	7	12.0	2.8								11.
NNE	. 4	1.	5.3	4.5	• 5	. 3						1	1
NE	• '	1.	1.3	1.3								3.	0.
ENE	• **	1.5	• 7										5.
E		1.3	. 3	• 1								٠	۵.
ESE	• 1	•	• 0									1 -	υ .
SE	•	1.2	. 4									1.	∵ . :
SSE	• 5	1.	1.3									3.4	٤.
S	1.2	2.5	1.3	. 4								. 4.	5.
ssw	•	• 6	. 7									1 • *	٠.
sw		• •	• 7	. 4								4.0.	7.
wsw	• '	• 7	• 4	. 1								1.	5.
w	• 3	• ,	• 3		• 1							1.	e.
WNW			• 4	. 4	• 3	• 1						1.0	11.
NW	1	• '	1.5	1.3	1.5	• 4	1			ļ		5.7	13.
NNW	• i	1.	4.1	4.7	2.2	• 1						1 .5	11.
VARBL		• 1											٥.
CALM	><	> <	> <	><	><	><	><	\times	\times	><	\times	11.	
	1	216	26.9	25.4	7.7	1.0	• 1					104.5	ė.

TOTAL NUMBER OF OBSERVATIONS

- AE - DEIMATDERUM - CLAVOM -PETAD - REAT - FRISE - VIDIMAD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FEYADA S. AUT PPARTA	77-84	J.:
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	1 (-14
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	2.2	7.3	7.3	5.3	- 4						2 .	1
NNE	• 1	2.	4 . C	4.0	1.6	• 1	• 1					13.	1 u •
NE	•		1.3	1.0								4.7	7.
ENE	• '	• 7	. 4	• 1	• 1							1 -	
E	• 1	• 7	• 7	• 3								. •	1.
ESE	• 1	1.2	• 3	•1								1.	1 .
SE	•	.7	• 1	•1								1.	•
SSE		• 4	. 7	,1							i	1 - 2	7.
5	•	1.	1.4								[•	5.0
SSW	• 1	•	. 4						,			1.	1, 0
SW	•	• 4	. 7	. 4								1.	7.
WSW		1.5	. 4		• 1							4 • 1.	٠, •
w	•	. 7	1.	.4	• 1							7.	
WNW	• 1	•	1.2	• 7	• 3						T		9.
NW	• 1	1.2	1.9	4.3	1.9	• 6	. 4					. 7	13.
WAN	•	1.6	3.4	.4	2.3	1.3	.1					1>	13.
VARBL	i	•		• 1								• 7	1.
CALM	><	><	> <	$\supset <$	$\supset <$	$\supset <$	><	> <	$\supset <$		$\supset <$	1 . +	
	ž.	17.7	.5.1	22.	11.9	2.5	.7					1 3.0	

TOTAL NUMBER OF OBSERVATIONS

AL CLIBS FOLDON - ANCH

NNW VARBL

7.1

SURFACE WINDS

SE . IC. / AC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL PL							1	
					·	LA96						NOV	es :
			CONDITION										
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N		2	t 3	e} . 3	9.2	1.0							İ
NNE	•	2.5	3.5	4.5	. 9	. 9						1	T
NE	• 1	1.7	2.3	.9						1		- 1	T
ENE		. 4	•							t		1.3	T
E		• 3	• 5	-1	1					1		1.5	1
ESE		•	• 3										1
SE		1.2	• 3	• 1								1.4	1
SSE	• •	• 5	• 6	. 3						1		1.4	1
5	•	1.2	• 3	. 4				1		1		3	Ť
SSW	• 3	•	.6									1.	Ť
sw	•	. 4	• 1	• 1								1.1	†
wsw	•	• /	, u					†				1.	Ť

TOTAL NUMBER OF OBSERVATIONS

AL CLEMATOLOGY HANCH FATTER SERVICE MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	RETABLE SATUE AMABIA	7 7- 24		٠٠٠.
STATION	STATION NAME		YEARS	BORTH
		ALL LEATHER		1 00-7533
		CLASS		HOURS (L.B.T.)
		CONDITION	and the second s	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	3 • 2	17.	13.3	4.0	- • 5	?					34.5	11.5
NNE	•	2.3	7.	5.7	• 1	• 2						1 7	1
NE		. •	7.7	. 5								_ (• .	7.
ENE		•	2.0	• ?								1.1	7.0%
E	•	•	• 3									1.4	4.:
ESE	• 5	•	, t									1	5.6
SE	• `	• '	1.2									. 3	i • 4
358	•	•	• 5									. • 1	
5		•	• 3									•	U.
SSW	•	• 3										•	4.3
sw		•										• .	1.0
wsw	•	•	• .										5.7
w	•	. 11	. 3							,		[.1	5.
WNW		•	1.4	. 3	_ • 5							1/00	1
NW	• '	•	2.5	1.2	1.7	• 3						1.7	12.4
MMM		1.1	4.4	6.7	1.4	• 2						14.2	12.1
VARSL										1			
CALM		><	><			><			><	><		5.0	
	?•	17.	37.0	26.0	A . 4	1.2	• ?					1 3.3	1

TOTAL NUMBER OF OBSERVATIONS

AL ELMATOLES . . . A. . .

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STAYION	STATION NAME	77-54	YEARS	ионти
		ALL -LATHER		1 0 = 2 ½ ; NOVES (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		4.4	19.	_ 3	_ e	3						: ! • ?	نونة
NNE	1.3	ts e	9.1	1.5	6							1 . 3	7.,
NE		2	5.7	• 2			L					1	7.
ENE	•	1.3	1.5	•6	.2								7.
E	•	1.3	رة و	•2	• 3								7.
ESE	_ • ′	•	• 7									1.	4.
SE		• :	• ?									1.7	4.
SSE							<u></u>			<u> </u>		•	4.
S		• 4	. 2									1	4.
SSW		•	• !										7.
SW								· · · · · · · · · · · · · · · · · · ·				1	1
wsw		•	• 2										4 .
w	•	•	• 5							<u> </u>		1.	٠,
WNW		•	1.1	• ?									t.
NW		3.0		1.6	• 2							. 3	7.
NNW	•	3."	9.3	1.1								13.7	7.
VARBL				·									
CALM	\times	> <	>	> <	><	> <	> <	\sim	> <	> <	> <	•	_
	. 1	27.1	48.0	ĕ.5	1.7	.3						135.2	1.

TOTAL NUMBER OF OBSERVATIONS

AL FERMATOLOGY SANCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 1 1.	- JEAUN SA DI ANABIA	17-84		_ال
BTATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		*-L
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	2.	7.	t • ?	2.9	• 3	•					2:	11.
NNE	•	2.1	4.3	2.A	• 7	• 2	•					11	9.1
NE	• 1	1.0	2.	. 6								3	7
ENE	•	•	• 0	• 2	• ~							2.2	7.5
E	• 4	•	• 3	• 2	.5							1.	c. • 1
ESE	•	•	. 4	• 1								1.2	5.
SE	• '	•	• 3	• .								1.	~ • 4
SSE	• 7	•	• *	• 1								1.	<u>:</u> • ·
5	•	1.	• 4	• 1									5.
SSW	• 1	. 4	• 3										5.
SW	•	• 3	• 2	• 2								•_	o.
wsw		•	• 2	• 0	•17							1.	5.1
w	•	1.2	• 5	• 2								7 - 1	5.3
WNW	•	1.5	1.4	• 5	• 3	•						4 . 3	7.5
NW	•	2 • '	2.7	1.3	• 9	• 4	• 1						7.0
NNW	1.	4.	4.6	3.3	1.4	• !	• 17					l • t	7.5
VARBL	•	• 1		•								• 2	٠
CALM	$\geq <$	$\geq \leq$	>>	>>	\geq	>>	\times	\times				1/.5	
		25.4	26.5	16.3	5.3	1.2	• 2					100.0	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 5 .	TYREN SA OL HAVIA	17-84		Jut
STATION	STATION MAME		YEARS	MONTH
		ALL GEATHER		± 0, 10 ± 10, 10 ±
		CLASE		HOURS (L.B.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	4.2	3.3									7	_ • :
NNE	•	2.3	1.4		• 2							_ •	٠٠,
NE		1.4	1.1	• 3								•	
ENE	ļ	1.1	•	• ?								• 1	_ 3 •
E		• 4	• ")	_ • 3								3.7	ί.
ESE	•	• 5	• 3	• 2					_			•	7
SE	•	• '	• 2									1.2	4
SSE			• "									(_ •
S			,	• 2								1.	
55W		• 2											
sw													4.
WSW		• 5										1 - 1	•
w	ĵ.	2.4	7.3	• 2								, , ,	٥.
WNW	• 1	4.5	2.3	• 3								• .	
NW	1.	4.4	3.6	. 9		• 2						1 .	_ (•
NNW	!.	3.6	7.7	2.1								1.9	C e
VARBL			1										
CALM	><	> <	><	> <	$\overline{}$	> <	$\supset \subset$	$\overline{}$	><	$\overline{}$	> <	? .5	
	1' - 3	24.6	25.3	r . 3	.2	• 2						1	4.

TOTAL NUMBER OF OBSERVATIONS

EAT - > SEPTIC- / MAL

wsw

WNW NW

NNW VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL ALAS CANDITION	HOUR	BS (L S T.)
CONSTITUTE		
SPEED (KNTS) 1 · 3 4 · 6 7 · 10 11 · 16 17 · 21 22 · 27 28 · 33 34 · 40 41 · 47 48 · 55 ≥ 56 DIR.	*	MEAN WIND SPEED
N	4.	6.01
NNE 107 01 04	i •	4
NE	1.	o 4.
ENE		
	يا ۾	3
ESE • • 4 • 1	• :	9.4
SE • • 1		4
SSE - • 7 • 1	•	4 .
S • 1• 5 • !		4.5

17-84

15. TOTAL NUMBER OF OBSERVATIONS

1.5

1.4

6. -

3 . €

4.7

. 4

.4

1.9

•1

AP 1 TH TOLD A SERVE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TYNU SABO, ARAE,A		
STATION	STATION NAME	YEARS	MONTH
		ALL SEATHER	
		CLASS CLASS	HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	``.	2.3	2.5	1.2	.5								7.4
NNE	• -	•	• 5	. E	• 2							1.3	: • 7
NE		• ₹	• 3					ľ				1	4.
ENE	•												
E	•	• 2											_ • ذ
ESE		• 1	• ?										υ . ?
SE	•	• 3	•									• /	5 • 3
SSE		1.1	• 2									1.7	4.0
S		1.5	• 5										J •
SSW													3, • 3
sw		•										1.2	٠. د
WSW	•	• 0	, ,	• 2								2.5	14
w	! •	• ',	1.5	. 5	• 2							. 4	5 • .
WNW	•	2.6	1.4	2.	. 2							ن و	7
NW	• >	• 1	2.9	1.4		• 4						i	c . 1
WNM	•	5.6	5.4	2.4	• 2							1 . 4	1.2
VARBL													
CALM	><	$\supset <$	><	><	><	$\supset <$	> <	><	$\supset <$	$\supset <$	> <	72.	
	1 .3	26.4	15.6	ô• '	1.1	. 2						100.0	ز و به

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATERAGE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	SITA NE STUDI ARABIA	77-54		
STATION	STATION NAME		YEARS	MONTH
		ALL SCATMEN		. 2-143
		CLASS		HOURS (L.S.T.)
	40 10 10 10 10 10 10 10 10 10 10 10 10 10	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			4.5	7	1.0	• 5	. 4			· ·			11.7
NNE	•	2 • 1	₹.	• 13	2.1	• 3	• 1					i .	11.
NE	•		1.1	•7								• 1	7.
ENE		•	• (• 1								• 3	•
E		• 7	•									i .	
ESE	•		• 1									1.	٦.
SE	• :	•										• •	4.
SSE	•	1.	• 1)	• 3								. • i	
5	•	1.	• ?	. 7								1.	: • •
\$5W	•	• !	• 1					,				1	7.4
sw	• 1	•	• 1									•	4 . 1
wsw	•	1 • "		• 1								1	4 . 5
w	. • '	1.	1 . 4	•1								3.	
WNW	• 1	•	• 6	1.8	1.9	• 3						1.0	1300
NW	•	1.	2.4	2.7	1.6	1.3							1
NNW	•	2 • 7	3.1	- 1	1.6	. 14						1 .	17
VARBL									<u> </u>			ļ ————	
CALM	$\geq <$				><	> <	><		$\supset <$	><	> <	i .	
	• 1	22	21.0	23.	3.2	2.	• t:	·				1	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	room to the total of the Algorithm (1997) and the contraction of the total of the	77-54		
STATION	STATION HAME		YEARS	MONTH
		ALL STATES		<u>i - 1 - </u>
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.5	4.5	7.3	7.5	د م 1	1	.1				1	1
NNE		7	7.	្ត្	1.	. 3	. 1					1 .	1.
NE		1.	2.3	• 5	• 7								
ENE		1.	•	• fs	. 3			}	}				i • ?
E		1.1	•	• 1									
ESE	• ′	1 • ?	• 5	. 4									
SE	. !		• 1	. 1								1.	
SSE		. 4	• 3						I			: • 1	•_
S		•	. 4	• 1								ι •	
ssw			• 1										
sw	ذ و		. 1							i .			•
wsw		i.	• 7									• 1	
w		_ j .	. 7	1.0	• 1				<u> </u>				2.4
WNW		• 7	1.	1.5	• 9	• 3	• 1					. 6	1.0.
NW		1.3	2.4	3.2		1.5							1:
NNW		•	4 . 11	4 . *	3.0	. 4						1	12.1
VARBL			• 1	• 1									1
CALM	><	><	> <	><	><		><		$\supset <$		$\geq <$		
		22.4	23.	2 ن د 2	11.1	4.4	. +	. 1				1	

TOTAL NUMBER OF OBSERVATIONS

THE SUITATOLOSY HATCH TUTTO EST ST SEVIIC, MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	VEC L SE OF BASE	7 7- 64	Jin
STATION	STATION NAME	TEAM	MONTH
		AL" AS AT AER	1 0-17
		CLASS	HOURS (L.S.T.)
		COMPLICION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.1	1.5	<i>i</i> .7	•6	1.7						24.1	13.4
NNE	• l	2.3	3.	. 4	7•1	• 4						11.	12
NE	•	1.	1 • !	• 6	• 3		• 1					5	C . 4
ENE	•	1 •	1.0									• i	1 0 2
E	• 1	• '	• 45	, 7	• 1							1	7.3
ESE		• 3	. 4	. 7								1.	1001
SE	•	•									L	• •	٥.
SSE	-	• 1	. 7				ļ					•	
5	• 1	•	• 1	• 1				Ĺ				1	•
SSW	•	• 3	• 1								<u> </u>	· ·	5.3
sw	•	• 1	• 1									• •	5
WSW		1.0	• 7	• 3								1	5.4
w	•	2.7	1.7	1.7	• 4							<u> </u>	8.
WNW		1.7	1.1	. 4	• • •	• 3						<u> </u>	11.:
NW	•	1.7	2.5	4.2	2.7	1.4	• 3					1	14.1
NNW	-	1.5	4.5	7.6	3.2	1.3						1 . ,	1:
VARBL	Ļ												
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	> <	$\geq \leq$	> <		>	
	Ľ.	17.2	23.7	27.3	15.0	4.3	•4					120.	11-1

TOTAL NUMBER OF OBSERVATIONS

AL JULY TRUTTER OF HAVEN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	THA HE SA DIT ANABIA	77-94	
STATION	STATION NAME	AEVSE	MONTH
	\$LL 1.E	ATHEV	1 (9-703)
	CI	LASS .	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		4.0	14.7	14	3.4	- 3						2	10.7
NNE	. • 2	• 2	6.3	2.6	. 7	• 3						1 3	4
NE			3.0	. 4	• 1							د ٠	· • .
ENE		1.3	1.2	• 3								. • 5	5 • t
E		1.7	• 6		• 1								0.7
ESE		• 3	. 3										2.00
SE			• 1										6.3
SSE	• `	. 4	• 1										4.
s	• :	• :	• ?									. 1	2.4
ssw													
sw		. 4	. 1								 	T .	200
wsw	• .	. ₹		• 1									6.3
w		1.2	. 4	. 7						1			E • 4
WNW	• !		1.7	1.5	1. :	• 3						5	11.
NW		1.0	3.3	0 و د	1.7	• 4			<u> </u>			1 .1	11.
NNW	•	1.2	6.1	4.	1.4	• 3						14.	11.5
VARSL				,				1			·		1
CALM	$\supset <$	$\supset <$	> <	><	> <	> <	$\supset <$	><		><	> <	1.4	
	• i	1 2	30.4	23.5	9.1	1.5						100.	5 • I

TOTAL NUMBER OF OBSERVATIONS

PE CEIMATPEODY DRANCH COUTTO FATHER SERVICEMMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 4 32 Z	AIYADY SAJDI AFABIA	17-84	Jul.
STATION	STATION NAME	YEARS	MONTH
		ALL STATHER	180+2330
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	4 . 7	17.4	3.2	•2				-			22.5	ε.3
NNE	•	• 4	5.3	•8	• 2							12.4	6.
NE	•	5 . 3	3.5	• 6								•	7.1
ENE	•	1.5	• (3	• 6								4.2	0
E	•	1.4	1.2	• 3								1	t •
ESE	• ;	• -	• 3		_						-	1.	2.
SE	•		• 1							i			4.5
SSE	•	• °.				· · · · · ·							4.0
5	• '	• 6:	• 3	2			,				· · · · · · · · · · · · · · · · · · ·	1.4	to.
55W	•												3
sw		•	• 2										۵.5
wsw	•	• 5											4.4
w		2.4	• *	•2							., .,	3.0	1
WNW	•	1.4	3.5	• 3								• t	7 . 3
NW		5.2	3.6	2.3	• 3							ି.ଖ	3.3
NNW	•	4 . 4	11.2	1.4								1 . 7	7.9
VARBL											<u> </u>		
CALM		$\supset \subset$	> <	><	> <	> <	> <	> <	$\supset <$	><	> <	′•	
	7.4	31.2	44.9	9.8	.6							130.	į • ·

AL SETMATULAS ARCHITEC TIME FAT ER SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. 5	PIVALIT SAIDT HASTA		_	ايال
STATION	STATION NAME		YEARS	BOATH
		ALL REATHER		#&L
		CLASS	··	HOURS (L.S.T.)
	 			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	3.3	6.5	5.3	2.1	. 5	.1	ل و				1 . 4	14.7
NNE	•	2	3.0	1.7	. 9	• 2	• (I	,
NE	•	3.5	1.5	. 4	•1		• 0						1.
ENE	. 4	•	• 7	• 2	• `							• 5	Lat
E	• '	•	• ~	• ?	•								
ESE	•	• -,	• 3	• 3	•0							104	L
SE		. 4	• 1										2.2
SSE		• 5	• 3									1.	5.4
5	•	1.0	• ?	• 1	ĺ							1.	5.5
SSW	•	• 2	• 1									. 4	4.4
SW		• 3	• 1										4.7
wsw	•	•	• .2	• 1	l							1.	5.3
w	1 • 3	2.	1.2	. 5	• 1							4.	0.0
WNW	. ·	1.	1.7	1.1	• (• 1	•					5	6.7
NW	1.2	5.0	7.1	2.4		• 5	• 1					11.2	4.7
NNW	1.	3.4	5.3	a a	1.2	. 3						10.7	9.4
VARBL		•	• "	. 1								• 1	10.0
CALM	$\supset \subset$	><	><	><	> <	$\supset \subset$	><	><	$\supset <$	$\supset <$	><	15.0	
	/	23.4	5.3	15.	5.1	1.6	•2	• 3				1 2	7.4

TOTAL NUMBER OF OBSERVATIONS

PAL CLIMATOLOUV PALC PLIAC WESTERS SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14711	LIBE SARA ARADIA	77-84		401
STATION	STATION NAME		YEARS	MUNTH
		ALL SEATSER		1/0-1, 1
		CLASS		NOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	3.0	3.5	• 3	. 8	• 2						10.	1.5
NNE	•	3.3	2.1	• 3	• 2							7.1	5.00
NE	•	1.7	• €	• 2								•	5.4
ENE		1.3	1.4									1.2	0
E	•	1.4	• 5									7	44 3
ESE	•	•											4.1
SE		• 3	• 3									1.	4
SSE	•	• 3	• ?										٠,
5	-	1.1										2.1	3
SSW	•	• ?								1		•	3.0
SW										i			
wsw	•	• *			T			1				• 4	3.7
w	• 1	1.4	• 5									5.4	4.1
WNW	1.	1.	• 5				-					3.	4 . 3
NW	ž.	4.3	4.4	• 2								11.2	•
NNW	3.3	· • 2	7.3	• 5								19.3	5.9
VARBL	•									1	<u> </u>	•	3. :
CALM	\sim	> <	> <	$\supset \subset$	$\supset \subset$	> <	$\supset <$		> <	><	> <	7: • 1	
-	16.5	30.3	22.	1.0	.9	• 2						100.0	4.0

TOTAL NU	MBER OF	OBSERVATIONS	r	÷
				٠

THE CERTAINERS OF THE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	CTEACH SAIUT ALABIA	_77-84		£ _ *
STATION	STATION NAME		YEARS	MONTH
		ALL CLATHER		ე (<u>ყმ</u> ⊨შასებ
		CLASS		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.1	1.5	1.5	. 4								5	٥٠٩
NNE	•	- 4	• 9	. 9								2.5	y • 1
NE		• 1					L			I		• 1	×
ENE	[• 7	• 1									• 7	5.1
E	•	• 3										. 7	4.
ESE	• .	• 4										• 7	3.4
SE		•											4.5
SSE	,		• 1				ļ ———						3.0
S	. 3	- 5										1.2	4.
SSW													
sw	• 1												3.0
WSW			• 1				-						30'
w	•	1.	1.1			l						4.1	4 .
WNW	2.	3.3	. 3	<u> </u>						i			4.
NW	• 1	2.5	3.6	• 1					<u> </u>			1 . 3	5.
NNW	3.4	• 2	6.4	.4								1 104	5.
VARBL											 		
CALM	$\supset \subset$	> <	> <		> <		$\supset <$		$\supset \subset$			43.	
	17.4	22.8	14.1	1.9								112.5	٠. د د

TOTAL NUMBER	QF	OBSERVATIONS	67	
				3

. PAU CLIMATELMGY FRANCH PELTAC PEAT ER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ALBARA IN AR HOAY.	77-84	• 9
STATION	STATION NAME	YEARS	MONTH
		ALL SEATHER	
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2_	2.6	1.	• F ₁								7.4	5.7
NNE	1 • I	•	1.4	• 5	• 5							•	5.01
NE		•	• 3									•	÷
ENE		•	•									•	ė • 3
E	•	• .	• ?									•	4.7
ESE	•											•	٠ - ڏ
SE		• "										• 3	L
SSE		•											
\$		•	• ₹									1.2	. 5
SSW													
sw	•												3.0
WSW	•											• 5	, -1
w	, •	1.5	• 18		• 7							4.5	5.0
WNW	1.	2.3		• 2								4 • 2	4 . c
NW	1 . 3	6 • 6	3.7	• P\								13.6	5.5
NNW	• ,	• 4	5.	1.5								22.2	5.9
VARBL													
CALM	$\supset <$	><	> <	><	> <	$\geq <$	><		> <	> <		76.	
	1 .	26.5	14.	5.4	•6							1 0.0	3 • €

TOTAL NUMBER OF OBSERVATIONS

ST TOTAL TORROR - ANGES

140 1 12 I to 12 - 12

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

144 3	IYA SALUT BRADIA	77-84	1 31
BOSTATE	STATION NAME	YEARS	MONTH
		ALL -CATIES	. 4.7-111
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	4.4	7.	9.0	3.7	- 3						23.0	11.1
NNE	1.7	4 .	6.4	4.4	• 9	• 4		1				17.5	9.5
NE	• 1	2.4	1.9	• 5								' • 3	ي و ب
ENE	• 1	1.7	1.6	• 3		_						1.4	0.7
E	1	1.7	• 9	• 1								4	4.0
ESE	, • 1	1.3	1.3									7.1	5.4
SE		• 4	• 3									1.1	4
SSE		• 1	• '	• 1								1.7	9.1
S	•	2.0	• ";	. 4								4.	ti = 5
ssw	•	• i											ل و ﴿
SW	•	• 3											3.5
wsw	•	• 1											4.
w		• 1											2.2
WNW	•	• 4	. 4	• 1								1	u o l
NW	•		1.1	1.6	• 1							4	9.1
MNM	1.1	1.7	3 • C	3 • 3	•6							7.7	9.7
VARBL													
CALM	$\geq <$	$\geq \leq$	\geq	\geq	> <	\times	$\geq \leq$	$\geq \leq$	\times	\geq	><	15.6	
	11.2	21.6	25.5	2 .1	5.3	• 7						100.6	7.2

OTAL NUMBER OF ORSERVATIONS

AL CETMATOLOGY BANGH STAT PAY FR SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	- LTA 24 CA UT ARABIA	17-84		1.54
STATION	STATION NAME		YEARS	MONTH
		ALL CEATHER		1 00-1400_
		CLASS		HOURS (L.S.T.)
		CONSTRUCT		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	4.0	5.2	7.9	4.5	1.5			<u></u>			24.4	11.8
NNE	• ′	4 • Z	5.6	4.1	1.4	• 4						17.	5.7
NE	•		1.7	1.6	• 1							• 1	7.5
ENE	•	• €.	1.6	1.								* **	€.6
E		1.3	1.3									د ه :	5.5
ESE	•	• 6	• 7	. 1								1.	t • 3
SE	•	• 7	• 6.									1.	3 . 3
SSE	• '	1.3	•	. 1								•	5.6
5	2	1.2	. 4	• 1									ن ۽ ڏ
SSW	•	• 3										• ¬	4 . 3
sw	•	• 3											4.0
wsw		1.	• 1									1.4	5.2
*	<u>_</u>	•	. 4									1.	5.5
WNW	•_	• 4	• 3	. 4								1.4	7.4
NW	• 7	1.	1.0	1.2	• 3	• 1						7.7	1
NNW	•	₹.	3.5	4 . 3	2.0	- 3						1 - 1	11.7
VARBL		• 1										• 1	
CALM	><	><	><			$\supset <$	$\geq \leq$	$\geq <$	$\supset <$			1	
	٠.٨	24.2	22.4	2 • 5	9.4	1.9						193.9	ذف

TOTAL NUMBER OF OBSERVATIONS

SE CLIMATERSS - ALCH TEC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TERRO SE OF ASACTA	27-84	YEARS	MONTH
		ALL VEATHER		1 (7-17) HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3	56	15	5.6	1.9	. 3					1 7	15.1
NNE	• 1	3.0	5.5	4.2	2.9	• 1						1000	1.00
NE	1.	1.	2.0	1.6	3				i			7	: • .
ENE		1.7	• 4	• 1								• 3	4.01
E	′	•	• 3										
ESE	•	• 4	. 4									1.1	5.9
SE	•	• 6	3									1.	٥.
SSE	•	. 3	• 1									. 7	1 2 .
\$	1.	•	• 3										4.
SSW		• 1										. 5	3.
sw	• 1												4.
wsw			• •										4.
w		7.	• 4	• 1									
WNW		•	• 1	• 6	1								11.
NW	•	7.1	2.2	2.3	.4								7,
NNW	. (.	1.	4.7	7.5	1.1	1.0			 			12	12.
VARBL										ļ	L	,	3.
CALM	\geq	$\supset \subset$	\geq	> <	\times	>>	> <	>	> <	\times	> <	2.3	
	7	18.3	/4.2	27.3	12.3	3.)	• 3					100.0	1

TOTAL NUMBER OF OBSERVATIONS

AE COEMATOLOGY OAN KA OFAC OGAT EY SERVIOONAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

,	、水在分环,东西(1)(1) 在中最近生态	77-84		
STATION	STATION NAME		YEARS	MONTH
		ALL SCATPER		1 7-75
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• >	3.1	17.1	11.4	3.6	. 9	. 1					77.4	11.2
NNE	•	4.2	11.	4.0	• 9							22.00	• c
NE	•	3.	5.4	• 5								1 • 12	7.
ENE	•	2 • 2	1.3									1.1	: • ∪
E	•	• 7	• 4	• 1	. 1								(• t
ESE		•	• 1									• /	6.5
SE	• !	•	• 7									1.2	. •
SSE	•		• 7										6.
5		·											
SSW												1	
sw						 		1	1			• 1	
wsw		•	• 1					1				• 7	
w	•	• 7	• 4									1.4	5.
WNW		•	• 6	• fi								1.4	7
NW		1.	1.2	. 4				1				7.5	٤
NNW			2.1	4.2	1.4							• • •	11
VARBL			†——				<u> </u>	1			 	1	
CALM	>	> <		><	> <		> <		><			• :	
	4.1	1 . 3	42.2	22.3	6.1	.9	.1					106	1.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

: - * - 4 **55 VI(** / A):-

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TACH S TOT AHADIA	77-84		3.
STATION	STATION NAME		YEARS	BORTH
		ALL LEATHER		<u>1</u> .0-5
		CLASS		HOURS (L.S.T.)
		CONDITION		
			····	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.01		12.4	1.4	3	• 5							7.7
NNE		نۇ ي	15.8	٠,5	. 2							2 .5	7
NE	•	2 • 1	3.	• 5								. 7	7.
ENE	•	2.9	1.7	• 2								• 6	• 7
E	•	1.	2.3									1	
ESE		• '											41 .
SE		•	• 7										ti •
\$SE	•	• 2		• 2									5 . 2
\$		• 7											3
ssw													
sw		• ?											3.5
WsW	•		•										5.0
w	•	• 3		. 2								1.	2 • 5
WNW	•	1.	• >									. •	5.7
NW		1.3	1.7	• ?						[• 1	6.03
NNW	•	a • 1	0.3	1.1								1 .4	7.6
VARBL													
CALM	><	$\geq <$	$\geq <$	$\geq <$	$\geq <$	\times	\geq	\geq	$\geq \leq$	\geq	><	7.7	
	- 14	34.1	47.0	4	. 5	• 5						100.0	

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATICACH HARREN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	34 CA.CI 48A51A	17-84		
STATION	STATION NAME		YEARS	MONTH
		ALL EATHER		it.
		CLASS		HOURS (L.S.T

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	3.4	7.	5.4	2.4	• to	• 3					20.3	10.
NNE	•	1.	e 3	2.6	- 9	• 1						14.4	•
NE	•	2.1	2 • "	• 5	• 1							.4	7.
ENE		1.1	1.	•]									
E	•	1.0	• 7	• 3	• 3								Ĕ• <u>*</u>
ESE	•	• 6	• 14	• 1								i •	
SE	•	•	•>									. • 0	٠
SSE	•	• 1	• 3	• 1					,			. •	: •
S	•	• 3	• '	• 1								. •	`. •
SSW	•	• 1											5.
SW	•	• .7										• -	٥٠.
wsw	•	• 3	• 1									• 7	4.
w	• 1	1 •	• 5	• "1	• 0								4.
WNW		1.2	.4	٠ ٢	•								5.
NW	1.	7	2 • 3	• 8	• 1	•3	_					7.4	6.
NNW	1.	4.0	5 • 1	2.0	• 9	• 2						1 .5	c • '
VARBL	•	• 1										• 1	•
CALM				><	><		><	\geq			><	1	
	11.	24.0	26.6	13.	4.4		• 1					1:3.3	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

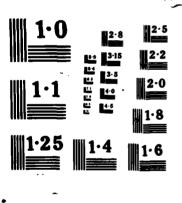
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		71-24		
STATION	STATION NAME		YEARS	MONTH
		ALL TATHER		. *
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	2	2.2	• 2	. 3								
NNE	1.	خ و د	•	.?									٠
NE	•	2.5	1.5	• ?									u.
ENE	1 - 1	2 • ?	?•	• ?								• .	. •
E	. • 5	1.2	1.7									• •	
ESE		• *										1	٠ - د
SE	•	•	. A.							1		1	٠.
SSE		2 • 1	• .7									.,	4.
5	•	· •	• '		-	<u></u>						6.	٠.
ssw													
sw	•	• ?											•
wsw		• ,										• 1	2.
w	1.	. ;										1.	۷.
WNW	1.		• .7						i				_ و د
NW		2.	1.1	• 2	• 2								2 •
NNW	• 1	4.7		. ?	.2	<u> </u>				 		1 1 1	: •
VARBL										-			
CALM	><	><	><	><			\sim					17.4	
	1 /	28.7	12.5	ف.	.6		· · · · · ·	3	(100.0	

TOTAL NUMBER OF OBSERVATIONS

RIYADH SAUDI ARABIA LIMITED SURFACE DESERVATIONS CLIMATIC SUMMARY (LISOCS...U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A... JUN 85 AD A159 667 JUN 85 F/G 4/2 UNCLASSIFIED USAFETAC/DS-85/024 NL



PAL CLIMATOLOGY PANCH PRIAC PLAT FR SERVICEZMAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	SATUT ARABIA	77-64	
STATION	STATION NAME	TEARS	MONTH
		ALL FEATHER	อ "นถ+ทยตย
	 	CLASE	HOWES (L.S.Y.)
	···	COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.2	. 5	• 3								4 • 1	4.7
NNE		• 8	• -									1.0	4.5
NE	•	• 3	• 2									1 - 7	4.5
ENE	•	• B	• 2									1 • 4	4.3
E	•	• ₹	• 3									• 7	5.
ESE			• .									•	4.7
SE	•	• 2							1			•	
SSE	•	1.1			1							1 • 7	3. 7
\$	1 • 2	2.7	• 3							1		~ • 4	4.3
SSW	•											• .	2.5
sw	1	•										• 2	4
wsw		• 3										• 9	3.2
w	7.	• 5			1							4	1 و دُ
WNW	1.	•.7	• 3							!		1.7	3.9
NW	7.	3.6	• 5	•2	•2			† — — ·		1		7.4	4
мим	1.2	4.7	2.4	1.1								11.4	5.7
VARBL													
CALM			$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\triangleright <$	$\supset <$		$\supset <$	> <	5 (• 1	
	11.4	10.5	5.2	1.6	•2							i 3.0	4 •

TOTAL NUMBER OF OBSERVATIONS

6.13

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	HIYAL SAULE ARABIA	77-84	11.7
STATION	STATION NAME	YEARS	MONTH
	ALL >	ATHER	HOURS (L.S.T.)
		CLASS	100 MS (L. S. T.)
		PADITION	
	w.	ADITOR	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.2	1.3	. 5								د د ت	العظ
NNE	1.	1.4	• 3									•	4.7
NE	• >	• fo	• 2	• 2								1.1	1:03
ENE	•	• 2	7									• :-	ڏه نا
£		. 3	• •									1.1	2.1
ESE	•					i						• .	200
SE	•	• 2				<u> </u>						•	4.5
SSE		•										• '-	4.7
5	1.1	7.	. 3									4.3	4.4
SSW		•2				<u> </u>	L			<u> </u>			200
sw											L		ي و ت
wsw	•	•										i	4
w		1.1											3.3
WNW	2.	1.3	• 2		<u></u>								3.0
NW	2.7	3.3	100	. 6			L		L	<u> </u>	1	4.5	5.7
NNW		• 5	1.7	.5								11.5	4.5
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	51.0	
	17.8	20.3	7.1	1.7							}	100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

PAL CLIMATHLOGY PRANCH PICTAC LEATHER SERVICEMAC

O

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

RIYAUN SAUDI ARABIA	77-84		
STATION NAME		YEARS	HONYH
	ALL "EATHER		96 0-11 00
	CLASS		HOURS (L.S.T.)
-		STATION NAME ALL «EATHED	ALL «EATHER TEAMS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	3.4	3.0	3.7	.7_	• 1_						12.6	9.5
NNE	1.	3.4	4.9	2.2								11.5	7.0
NE	•	2.5	1.3	• 1								4.3	0.4
ENE	• 1	1.	. 4]						. • 2	5.7
E	•	1.2	• 3	• 1								2.	4 .
ESE	•	1.2	•1									1	4.
SE	• '	1.3	• 3									•	4.5
SSE	• 1	. 1	• 6									4.2	2.1
\$	2.1	5.	3.3	1.7								1 .2	(• 1
SSW	• ;	1 • 2	• 7									2.1	5.4
sw	•	• 7	• 9									2	5.5
WSW	1.2	1.	• 3									2.5	4.2
w	• 1	.6										1.0	3.4
WNW	• ;											• 4	٠٠ ځ
NW	1.2	• 1.	• 3	. 4								2.0:	5.9
NNW	• '	2.7	1.5	• 7		•1						5.9	7.3
YARBL	I									1			
CALM	$\geq <$	$\supset <$	><	\times		> <	><	$\geq \leq$			><	27	
	12.	3/.3	18.2	8.5	.7	• 3						1 0.0	4.

TOTAL NUMBER OF OBSERVATIONS

4.7

L CELMATOLOGO NAVER LITAT HEATTHAN SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION SALL A AAPTA	77-64	YEARS	MONTH
		ALL SERTHER CLASS		1 . 7 = 1 4
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.6	3.4	2.7	1.2	.1						11.7	فمو
NNE	• 4	4.5	5.7	5.3	1.3							1	y . 3
NE		3.4	3.1	1.5	.1							4	7.0
ENE	•	2.5	2.4	. 4					1			o • 2	L.7
E	1.	1.5	2.2	• 1								• • 1	٥٠٠
ESE	•	1.2	. 4									2.1	3.4
SE	•	2.4	• 3									2.1	5 • 🗤
SSE		2.3	• 9									4.3	5
8	•)	3.5	2.1	• 6	,					1		7.5	. 5 . 1
SSW	•	• 7	. 4									1	4.7
SW	• 1	•	. 7	• 3	• 1							1.	8.1
WSW	•	1.6	• 3	• 3								2.7	5 • 6
w		• 9		• 1								1.	5
WNW	• .	. 4	• 1									. 7	5.2
NW		. 5	• 1	. 3	• 1							1.5	3
NNW	• :	1.3	1.3	1.5	•1							4 . 5	4.6
VARBL		• :	• 1									• 3	د و ب
CALM	$\geq <$	\mathbb{X}	> <	\times	> <	\times	\geq	\geq	\geq	\times	$\supset <$	1 - 7	
	11.2	310.	24.3	11.1	3.1	•1						120.0	L 0

TOTAL NUMBER OF OBSERVATIONS

LOUD PERMATOLOGY HANGH TOTAC GRATOFR SERVICEZHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14 18 T	. FALS SAGDI ARABIA	77-84		<u> </u>
STATION	STATION NAME		YEARS	MONTH
		ALL REATHER		1 0-17
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
2		2.2	£ • ?	٤.2	1.6	• 1						1 1 1	10.6
NNE	1 • 2	4.4	5.5	5.3	2.1	3						11.0	10.4
NE	•	4 • D	7.5	2.8	. 9							1 .5	0.8
ENE	• 7	2.5	2.5	• 6	• 1							1. •	7.1
E	•	2.4	3.2	• 5	• 1							t • ·	7.7
ESE	•	5.2	1.5	• 1								,.€	5.7
SE		1.2	1.2									2.	6.6
5SE	• 7	1.7	1.	• 1									5.7
5	• 1	1.2	. 4									i.	5.02
ssw	• 1	• 1	• 3									• 0	6.3
SW		• 7										• 7	4.6
wsw		•	• 4	L							L	• 1	6.7
w	<u> </u>	• 3	• 3									1.2	4 . ~
WNW	<u>L</u>	• i	. 4			L							8
NW	Ĺ	• 4	1.	. 4	- 1							2.2	4.6
NNW	<u> </u>	1.2	1.5	1.0	• 7	• 1				<u> </u>		5.4	9.3
VARBL	• i		L				L			L		• 1	3
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.0	
	7.2	26.5	33.0	16.2	5.7	.7			<u> </u>			1.0.0	1.0

TOTAL NUMBER OF OBSERVATIONS

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241 N. DIVERSE W. TER.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

chart.co	IVAL H SA DI AVABLA	77-84		58.5
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1-20-200
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	3.5	7.0	3.5	. 3	•2						12	9.
NNE	• 3	1	11.5	4.3								72.1	11.04
NE		4 . 0	8.5	1.5	• 2							1 .6	1.0
ENE		3.	3.4									7.1	u.
E	1.	4.1	2.3									7.0	5 • 5
ESE	1.	2.0	• 4									4.5	4.0
SE	i •	1.2	• '7									4	4 . 5
SSE	•	2.7	. ?									4.04	٠.٠٠
S		1.1	. 5									3	4.7
SSW			• 2	• 2									11
SW													3.
wsw		• 2	• 3									•	5 • 4
w												•.	4.
WNW	•	• 3	•2										5.7
NW		• 3											3.7
NNW		. 1	1.1	• 3	. 3								10.2
VARBL													
CALM		$\supset <$	$\supset <$	><	><	$\supset <$				$\supset <$		11.	
	1:45	27.8	37.7	9.8	. 8	2						105.0	

TOTAL NUMBER OF OBSERVATIONS

. AL CLIMATOLOGY - FANCH CATUTAC ENTAGO SERVICA / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	TITAUH SAGUT AMABTA	77-84	(
STATION	STATUM HOLYATE	YEARS	MONTH
		ALL WEATHER	1103-20.0
		CLASE	HOURS (L.S.T.)
		CONDITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•		5 - 1	.4	• 1							1 . 1	L.
NNE	1.	11.2	7.0	. 4								1 - 1	٤.,
NE	•	1. • 3	6 • 3	• 3	• 1							13.	t • :
ENE	1.	4.5	2 • 3	•6								· ·	į.
£	•	7.3	1.5				1			1		. 4	1.00
ESE	.1	1.	• 5										٥ - د
SE	•	1.	• 2	• 3								. •	L.
SSE	1.	1.0	. ,							 		3.01	4
5	• ?	3.1	• 3									5.	4
SSW			•1									• 4	5.7
SW	•	†							 		1	• •	3.0
wsw		• :							h			- 1	** •
w	•	• 4	• 3						·	† 		1 •	: • 4
WNW													4.5
NW	.0	•	• 1			 						1.5	4, .
NNW	•	1.3	1.	.4		1						4.2	6.4
VARBL													
CALM			> <	>	\times	$\geq \leq$	>>	\times	\geq	\geq		1 .4	
	11.	42.4	27.7	2.5	. 3							1	

TOTAL NUMBER OF OBSERVATIONS

. 57

AL CLIMATOLOS - BALLA

- SI- IC + L.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.5	TYA. T SAULT A ASIA		<u></u>
STATION	STATION NAME	YEARS	MONTH
	ALL	WEATHER	<u> </u>
		CLASE	HOURS (L.S.T.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	3.1	3.7	1	•6	• 1						1 .	وي
NNE	•	4.5	4.9	2.5	. 4	. 1					<u> </u>	10.	و خ
NE	. /	/ . 1	3. 4.	. 9	• 2							. • 4	7.4
ENE	•	2.3	1.	• 2	3		1						20 0 3
E		1.3	1.5	• 1	• 0							4.4	5.3
ESE		1.3	. 5	• 0								. 3	5.1
SE	•	1.0	• 5	0								. 1	1.00
SSE	•	2.1	• 5									1.4	4.1
\$	1.	3.0	1.0	• 2								6	5.0
SSW	•	. 3	• 2										
sw		. 4	•.2	•	• 0								> •
wsw	•	, ′,	• 2	• 3								1.	4.0
w	0	• '.	• 1	0								1.	3.
WNW		• 4	•.2					[I		1.	4.
NW	1.2	1.6	. 7	. 3	•							2.00	á
иим	1.	2.7	1.6	. 7	• 2	. 3						6.0	E .
VARBL		. ,	• 7									• 1	
CALM	$\supset <$	$\geq \leq$	><	><	><	$\geq \leq$		$\supset <$		$\supset <$		2:05	
	13.	26.7	20.9	6.7	1.5	• 2						1:0.3	4.

TOTAL NUMBER OF OBSERVATIONS

456

E HAT CEIMHTOLOGY 19A GH HATAC LEAT EN SERVICEZNAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

• • • • • • • • • • • • • • • • • • •	TAUR SA UI ARACIA	77-84	16.1
STATION	STATION NAME	YEARS	MONTH
		ALL REATHER	193+72 76
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.1	2.4	- 5	• 2							5.6	7.1
NNE	•	1.6	1.5	1.7	• 3							•-	5.3
NE	•	1.0	• =	1.1								2	7.1
ENE	•	1.0	1.4	• 3								3.1	6.7
E	•	• €	• 5	• 2								2.4	5.7
ESE	• :	• 8	• 3									1.	4.5
SE	• 7	• -	• 5									1 - 4	
SSE	• ?	3.7	1.4	•2									4.0
5	4.0	3.7	• 3									. 1	3.
SSW			• 7									• •	11006
5W			i										
WSW												•	2.0
_w	1.1	• "	• ?					[1	3 • 5
WNW	•	• 1										1	3,05
NW	1	2.4	• 3									4.	4
NNW	2.3	3. '	1.5									7.7	4.0
VAREL													
CALM			$\supset <$	$\supset <$	$\supset <$	$\supset \subset$				><	><	43.5	
	1 .	77.2	11.8	3.5	•5							1.3.0	

TOTAL NUMBER OF OBSERVATIONS

AL MITHER THEODY HARRES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	- 1 0 im 5 4	ALCAPIA LULI	 	? 7- _	<u> </u>					
STATION		STATION HAME	 			YEARS				MONTH
			ALL LA	P 3 N T A						- 1 _{1.2} - 1
			 EL	A96					KOU	B (L.S T.)
			COMP	DITION						
							_			
ſ	SPEED									MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	, n	_ 6	• 2							1	
NNE	•	• ′	• 3	. ?									7, • 1
NE	•	1.1	• 5	• 2								ني 🔹	5.7
ENE		• 3	• 3						L			1 • •	4 . 7
E		• 5	• 3									1	٠.
ESE	•	• (,	• 5									. • 2	• b
SE	•	•	• ,										4.7
SSE	•	2•	• 9									5	4 - 1
\$	1.	3.1	1.2									•	4.5
SSW		• '										•	. ف
5W		•	• 7									• 3	
wsw		• 3	• 3								1	1 - 1	4.4
w	1	• 5										1.	۔ و د
WNW	1.2	e ċ									1	1.	3.3
NW	3	2.5	. 4	• 2								5.1	4.5
иим	• 1	. 7	1.1]	1.02	3.4
VARSL										i			
CALM	\times	\times	><	> <	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	\geq	\geq		52.4	
	1 . 3	1:.6	7.9	1.1	.2							163.6	2.2

OTAL NUMBER OF ORSERVATIONS

PL CLIMATOLOGY FANCH FAC FATHER SERVICEMMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 5	ALGARA TECAS HUBYEL	77-24	1 C F
STATION	STATION NAME	YEARS	MONTH
		ALL REATHER	, + , 5 - 1 3 1 .
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	· ·	2.7	. €.	. 9	.2							(5.4
NNE	•	1.	• 5	. 7									
NE)	• `	•									•	7.5
ENE	•	• (,	• 3				I					1.1	5.4
E	•	• 3	• 3]	1	i • 1	4 . :
ESE	•	• 7	• 3								Ī		_ • ɔ
SE	•	1.3	• 3									• -	4.
SSE	1.	1.	• 1	• 2								. 1	5 • 1
S	2.	3.7	• 5									• 4	4.4
ssw		•							I				4
sw	•											_ •	•
wsw	•	• 2		•			[•	٥ . 3
w	•	• •										1.	4
WNW	1.3	•								L		•.	3.5
NW	•	5.,			İ							•	4 و د
NNW	E	3.1	2.7									11.0	4.5
VARBL													
CALM		$\geq <$	> <	><	$\geq <$			><				•	
	1 - 1	21.3	7.4	1.1	•2							114.0	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	1. 1. 1. 1. 1. 1. 1. A. A. A.	17-84	· · · · · · · · · · · · · · · · · · ·
STATION	STATION NAME	YEARS	МОНТИ
		ALL ACTHER	- ! <u>1</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3	2.5	1.0	. 1								ومت
NNE	٠.	1.7	2.3	. 4	• 1								
NE		1.0	2.7									•	
ENE	•	1.	• 3									. • 2	5.0
E	'•1	1.	• 9									•	
ESE		1 3	. 4									• •	* • 1
SE	•	2.7	l.									•	<u>۔ و نا</u>
SSE		. •	3.3	. 7								1	N
5	1.	₹.6	6.4	. 4	• 1							1	4 • 5
SSW	• 1	2 • 2	• 1	• !								7.	4
sw	•	•	. 4		• 1							3	5 . 5
wsw	1.7	•	• ?	. ?								• 7	£ . `
w		1.	•	. 3]				٥٠. '
WNW	•	•]										•	
NW	•	• 4	• 3									1-1	4.
WWW	1.1	2.	• '	• 1								4	5 . .
VARBL													
CALM		> <	><	><	><		><		$\supset <$	><	><	25.1	
	1 .	32.5	22.4	4.7	. 5							يون. ن	4.

TOTAL NUMBER OF OBSERVATIONS

HOMAR, YESTSTAMING COLORS AND HE COLORS OF TAKES AND A COLORS OF THE COL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 " E "	-1845H SAUDI APABIA	7 7- 84		2.1
STATION	STATION NAME		YEARS	MONTH
		ALL REATHER		1 32-1490
,		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.3	2.	2.4	• 3							9	8.4
NNE	. 1	3 • `	4.1	1.4	. 1							. • •	7.5
NE	•	2.3	1.7	• 3							[4 .	0.00
ENE	• 1	3.0	• 3									3	٠, 4
E	•	2. 1	1.1	•1								· • 5	5.3
ESE	• 7	2.	• ?									4	5.1
SE	•	3.7	1.₹	• 1						1		, , 4	5 • 2
SSE	•	4.1	4.3	• 6								• *	Ü.:
5	2.	7.2	8.1	1.0								1:.9	5.5
SSW	•	1.4	. 4	• }								2.	5.3
sw	•	1.3	1.3	. 4								£ • 1	7.4
wsw	•	1.1	1.4	• 1								1.1	6.7
w	•	2.0	• 4	• 1									5.4
WNW	. 4	• 1	• 1	\		}					T	• 7	3.8
NW	•		• 1	• 1	-3							1.3	8.9
NNW	•	1.1	1.3	•6	• 3							3 • 1	3.3
VARBL										T	Ţ		
CALM	$\supset <$	$\supset <$	\times	\geq	> <	\times	$\geq \leq$	><	$\supset <$		><	12.0	
	11.	36.4	37.1	7.4	1.0							100.	٠ د د

TOTAL NUMBER OF OBSERVATIONS

SE CLIMATOLOGIC THATCH

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B SERVIC FORC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N .		2.3	3.5	4.2	. 3							11.3	9.6
NNE	1.	2.5	5 . 4	3.1								13	1 . 3
NE	•	3.6	7.9	• 6								7.9	6 • 5
ENE	•	2.5	2.5									⇒ • 6	3 • l
£	1.2	2.0	2.3									to a 4	• 7
ESE		2.9	1.5									°. • ₺	5.7
SE	1.	2.0	2.3	• 6								₹•€	6.2
SSE	1.	4.8	3.1	• 1								9.9	5.0
S	• ``	4.2	3.0	• 1								Y • 1	5.4
SSW		• 7	• 1									ذ و ا	4.3
5W		1.7	• 7									1.0	5.4
wsw		1.3	• 7	• 1								2 •	5.9
w		1.2	• 1									3 • =	4.5
WNW	•	• 1										• 7	3
NW		. 4	• 3	• 1								1.	ي و ق
NNW	•	1.7	2.2	. 6	• 3							4.4	6.6
VARBL													
CALM		$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		4.9	
	11.	36.5	31.7	9.6	.6							110.0	0.2

TOTAL NUMBER OF OBSERVATIONS

6.94

AL CLIMATOLUSY CRANCH CLIAC CRATCLR SERVICEMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.24	ALMANA TO AC FULLY	77-84	: ετ _
BOITATE	STATION HAME	YEARS	MONTH
		ALL WEATHER	1 シカーアレカン
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	3.3	7.,	. 4	, 4							. 7	7.7
NNE	•	4.5	6.5	2.4	. 4							14.5	ي ا
NE	1.07	4.2	3.07	• 1								(- • · ·	• .
ENE	•	4 .	2 . ?									• •	5.5
8	2.	5.1	1.3									- • €	4
ESE	1.	5. •	1.3									• .	2.6.
SE	1.	3.6	2.7									7.6	3 - 4
SSE	7.1	4.	1.6	• 1								7	ن. د
S	•	1.5	.7	• 1								7.4	5.1
SSW	• *	• 3		• 1								• '	4.3
sw		• 1										• -	5.5
wsw	•	• 5	• 1									1.1	4.7
w	•	•1		• 1								1	4.1
WNW			• i									• 1	ر بر
NW			•									• 5	2.5
NNW	•	, Ç	3.0]]]]	2.00	6.1
YARBL													
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	$\supset <$	$\supset <$	$\supset <$	$\supset <$			15.7	
	13.	4:03	26.1	3.6	.9							100.5	5.2

TOTAL NUMBER OF OBSERVATIONS

67

AL LETMATRESS COARLS

CAT OR SEPTION FOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	CIADO CA OI ARACI.	77-84 YEARS	MONTH
	ALL	-LATHER	(1: 3~25") HOURS (LIS.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2 و ر	2.6	. 3								1	3 3
NNE	•	4.5	3.9	1.1	1.1							1	٠,٠
NE	•	· • 6	3.2	. 2				Ĺ				1.00	
ENE	• `	2.9	1.4	. 6		I							0.05
E	'•€	4.7	1.1	. 3						,			1
ESE		1.4	• 6	• 2		ļ						7.7	5.6
SE	1.1	2.4	1.7									• Z	5.4
SSE	2.1	5.5	2.4	• 3								10.5	5
3	•	٥.٠	• 3									£ . 7	4.5
SSW	•	• 3	• 2									• 1	4 • 6
SW	•	• 2											4.0
WSW	•	•											3.5
w		•,										•	ر، و د
WNW		•											4
NW	•	• "	. 8					}				1.1	6.2
NNW	1.	1.5	1.2									4.4	4.4
VARBL													
CALM	\searrow	\times	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\supset <$		24.3	
	17.1	30.3	19.3	3.5	1.1							155.5	4.5

TOTAL NUMBER OF ORSERVATIONS

AL CLIMATOLOGY PANCH FLTAC FEATHER SERVICLIMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 4 1 5 2	STADIO CA OI ACABIA	77-84	101
STATION	STATION MANE	TEADS	HONTH
		ALL LEATHER	3 L L
		CLASO	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	2.7	?•	1.5	•2							• 1	7 • t
NNE	1.	2.5	3.2	1.3	• 3		I			Ī		• •	7 • 6
NE	•	2 • ⊱	2.0	. 4					L			. 6	•
ENE	•	2.0	1.2	• 1					!		1	7.4	5: •
E	1.2	2.4	1.	• 1								4.	•
ESE	•	1.9	• 6	•							!	• 3	> • 4
SE	•	2.3	1.2	• 1					Ī				2 • 4
SSE	i • ·	4 •	2 • 3	• 3								•	• (
S	1.	4.7	2.0	• 2	• [• 1	٠٠ ا
SSW	• 1	.7	• 1	• 1								1.	4 . 7
SW	•	• 5	• 3	• 1	•0				I		I	1 - 1	Ų.
wsw	•	• 6,	• 4	• 1									٠,٠
w	•	• 4	• 1	• 1					[. •	4.
WNW	•	• 4	• 1									•	,
NW	1 • 1	1.	. 4	• 1	• 3						I	4.	4.
NNW	77	2.2	1.5	• 2	• 1							- i	•
VARBL										i			
CALM	\searrow	$\supset <$	><	\times	\times	> <	><	$\geq \leq$	$\geq <$	$\geq \leq$. ?	
	11 . 2	31.2	19.9	4.4	.6							174.0	٧.

TOTAL NUMBER OF OBSERVATIONS

TE TETRETOLOGY - GARGO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· · · · · ·	SIMANU SA DI ARASIA			
STATION	STATION NAME		YEARS	MONTH
		ALL GLATHER		<u>⊬ 105÷9271.</u>
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			2.4	- 5								7.5	: • 6
NNE	•	1.	2.0	• 5	. 0							<u> </u>	ι.7
NE		1.	1.4	. ?								-	(·)
ENE	•	• 5	• 4	• 3						[_ 6	L . '
ŧ	•	1.2	• 5	. 2									5.7
ESE	•	1.2	• 5									•	. .
SE	•	3.4	.									•	4.7
SSE	2.4	5.:	2.4	• ?								11	5.5
5	- 1	7.	ن و									1	4 . 4
\$\$W		• '				Ĺ						•	4.5
SW												• .	3.
WSW		• ?										•	في
W	•							<u></u>			İ		4
WNW	•	•	• ?			L						1	4 - 1
NW		1.1	2					ļ			i	•	4.1
NHW	1 • 1	2.1	2.1	.7									5.5
VARBL													
CALM		><	$\geq <$	><	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		***	
	1=.3	33.	13.0	2.6	. 9			l				115.0	3.

TOTAL NUMBER OF OBSERVATIONS

U NE DELMATOEREY RANCH FOTAG

FAT FR SERVICE ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YAUR SARLI ARABIA 77-54 ALL AFATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.7	4.4	. 6								٠.٠	7
NNE	• •	1.1	1.7	•6								7 1	7.3
NE	• 3	•	•5									1 .	
ENE		• 7	. 3	• 3								•	7.
E		• *-	1.1									2.4	5.
ESE	•	• 3	• 3									1 - 1	6
SE	1.	7.	•?							1		3.	4
SSE	1.1	. 4	• 13									V . 2	4.7
\$.2	1.7	1.1									•	4.3
SSW		• 2							i			•	2.7
SW		• **	• ?						T			•	5.7
WSW	•	• 3										• •	2.3
w	•	• 5	•?									1.	3.6
WNW	•	• 5	• 2									1.4	3.0
NW	1.	2.4	• 2					1				3.9	4.5
NNW	1.3	3.	2.5									6.	5.0
VARSL													
CALM			$\supset <$		$\supset <$	$\supset <$	\geq	> <				4 .5	
	12.	27.5	12.6	1.7								130.3	4 • :

TOTAL NUMBER OF OBSERVATIONS

#E CLIMATOLOGY #160 (T46 (547 14 SERVIC) (MA)

SURFACE WINDS

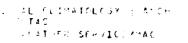
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 4 3 3 5	SIVALE SABUL ANASIA	17-64		·
STATION	STATION NAME		YEARS	HOWYE
		ALL MEATHED		. • U\$=1 £0 <u>2</u> _
		CLASS		HOURS (L.S.Y.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.	3.	3.7	£53								ء ر	1
NNE	•	1.5	2.5	• 9	• 2							٠, •	7.7
NE	•	• 9	•										4
ENE	•	• 5	3.									i •	4.,
E	•	• 9	رة •	• 3									Ç. 4
ESE	•	.5	• 5	• ?								1 •	3 . 1
SE		1.6	• 2									1.5	4.5
SSE	1.2	0	1.7									7.4	1 و د
5	1.	5.5	1.9										504
SSW									Ī ———	i			
SW	•									I		• :	3 • 17
WSW	•	• 3											
w			• ?									1	3.4
WNW	•	• 5	• 7									1.	4 . 1
NW	1.	1.5	. 5			1	T		Ī			3.	4.7
NNW	1.	3.	1.7	• 2								7.:	5.3
VARBL													
CALM	$\supset <$	$\supset <$	$\supset <$	> <				><	$\supset <$		$\supset <$	43.4	
	12.4	26.	15.3	1.8	•2							1.0.	

TOTAL NUMBER OF OBSERVATIONS

454



SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 4 4 4	STRAIN TARKENALIA	77-84	N. a
STATION	STATION NAME	YEARS	MOMM
		ALL BEATMER	10-1100
		CLASS	HOURS (L.B.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• :	2 • -	3.5	2 • 3_								7.01	c • 2
NNE	1.	2 • 3	4.0	1.7	.6							1 -	5 . .
NE	•	2.3	1.7	• 3								5	6.7
ENE	• 1	1.	1.0	. 4								' • <	?•?
E		1.5	• 7	• 1	}								€ • 1
ESE	•	• '	1.4	. 4									7.6
SE	. • ↑	2.2	1.									•	5.7
SSE	1.	3.5	4.5	1.	. 1							11.2	7
5	1.4	.7	5.5	. 6								1 .1	t.1
SSW	• 2	1.0	1.7	• 1								3	5.4
sw	. 1	• (. 7	. 1								1.7	6.7
WSW	•	• 3	• 1.	• 1				1				?	5.6
w	• `	• 6.	• 3	• 1								1 • 3	3) • •)
WNW	• ′	• 7	• 1									• 7	4.4
NW	• !	•	. 4									1	5.4
NNW	• '	1.2	• 3	. 7	• 1							٠٠٠ ڏ	7.5
VARBL													
CALM					><	$\geq \leq$	><	><	$\supset <$	$\supset <$	><	10.3	
·	11.	31.	27.3	ع ،	. 9							180.0	5.1

TOTAL NUMBER OF OBSERVATIONS

AC NOTABLE NO. A CHARACTER ACTOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, T	ATERNATION AND THE		77-84	
STATION	STATION NAME		YEARS	MONTH
		ALL	EATHER	1 .0-14]
			CLASS	HOURS (L.B.T.)
			•	
			CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N).2	1.	3.3	1.3	. 4							. 4	ر و و
NNE	•	3.4	7.4	1.6	. 4	• 1				<u> </u>	L	1 . 3	• 2
NE	• 1	1.	?.	• 3		Ĭ						4.5	7.5
ENE	• 4	1.,	.7	•1								1.2	6.1
£	.1	1.	1.0	• 1								2.4	6.6
ESE	• 7	5	1.4	.4								4.2	0
SE	•	2.3	1.7	. 4	• 1							5.2	0.1
SSE		٧.1	4.9	2.6	.4					Ĭ	I	12.4	8.5
\$	١.	. 4	7.5	1.6	• 1							11.1	7.2
SSW	•	1.9	1.3									2 • 6	5
SW		1.7	1.7	• 1								4.2	0.0
wsw	• 1	1.	1.4	.6	• 1							1	6.1
W	• ;	1.4	. 4				Ĭ					•	2.6
WNW		• 1	• 3									• •	4.
NW	• 1		1.6									5	7.1
NNW	•	.7	1.6	• 7	• 3							د • ۲	2
VARBL													
CALM		><	><	><	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			10.5	
	3 4	33.7	36.2	9.6	2.0	• 1						100.0	<u>ن</u> ن

TOTAL NUMBER OF OBSERVATIONS

ST COMMATCHOST ANDS FRIAC OFFICER SERVICEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	• ;	1.2	5.6	1.5	• 1	• 1						5.7	9.9
NNE	• -}	2.	4.5	2.3	• 6							10	9.
NE	•	2.4	2.5	•6	• 1							7	6.
ENE	• ₹	1.	5.0	• 1								4.4	6.5
E	1.	2.5	2 • 5	• 3								1.1	•
ESE	1.0	4.5	1.	• 1								7	. • 6
SE	•	4.4	4.6	• 3								1	٤.
SSE	1.2	3.	5.7	1.	• 1							11.	7.4
5	1.	3.3	*	• 5								• •	5.
SSW	•	1.3										1	5 • 2
sw	• \	1.6	1 - 3	• 1								3.	5
WSW	•	₹.3	1.									٠٠٠	5.6
w	• ,	1.7	. 4	• 1					ļ			1.	1.00
WNW		• •							<u> </u>			• 1	6.
NW		• 3	•	. 3				<u> </u>	L			1.5	0.2
NNW		• "	2.2	1.3					<u> </u>			7,7	15.1
VARBL							L						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	• 4	
		34.3	37."	8.9	1.0	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION MARE	7-54 YEARS ROUTH
	ALL PEATHE	HOUSE (L.S.T.)
	COMDITION	
		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	3.6	2.5	1.2	. 4	• 3						g, 14	5.3
NNE	•	2.	5.7	1.8	. i	• 1			L			1 .	* •
NE	•	5.4	4.5	•6	- 3			Ĺ				. 4	1.4
ENE	• •	2.4	Z • 1	.6								i • b	7.
ŧ	i.	3.1	2.4										• ن
ESE	7.1	7.5	• 9									1 .	4.7
SE	• 2	4	2.8	• 3	.1							1	>
SSE	• 1	1	2.2	• 3							i	1	2.0
\$		4 . 1	•									<i>i</i> • :	4.1
SSW		• '							}				
sw	•	• 1	• 1										
wsw													4.7
w	•	. 4									I		4
WNW	• .	• 1											4 . 5
NW	•	. 4	. 1	. 1									1.5
NNW		1.	• 4	. 4	1					i		e • '	7.3
VARBL													
CALM	$\supset <$	$\supset <$	><		><	> <						12.4	
	12.5	43.0	24.0	5.4	1.0	. 4						100.4	ر و ر

TOTAL NUMBER OF OBSERVATIONS

AL CETMATCHOGY PARCO TAG TATACA SERVICA AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	STATES TAILED ANASIA	77-8 a	
STATION	STATION HAME	YEARS	MONTH
		ALL SEATHER	1 C-3 2
		HOURS (L.S.T.)	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		٠,٠	7 . 3	• 5	1.5						1	•	_ <u>_ • `</u> •
NNE	•	7.2	Ę . 0	1.	• 4	• 1				1		11.1	• :
NE	•	3.0	3.0€	• 0								• !	7.
ENE		1.3	1.3	. 3	• 3					:		.7 • √	2 • 1
E	•	2.2	1.										5.7
ESE	•	₹.	2.							1			200
SE	1.	4 . 3	1.5									. 7	• •
SSE		• 1	2 • 5	• 6								1 - 5	٠.٠
5	•?	0.5	1.7									1 • -	44.
SSW	•											• `	7
SW	• '											• i	3.
WSW	•		. 1									•	7.
w	•											• :	<u>↓.</u>
WNW		• "											ر و ؛
NW	•	• 1	• 4									i •	5.0
NNW	•	. 4	• 3	. 5	• 1							I • '	9.0
YARBL													
CALM		><	> <	><	><				$\geq <$			24.	
	1 .	34.5	24.?	3.5	1.7	• 1						130.0	ч.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· <u> </u>	LINE IA VI A ACIA	77-64		No. 1			
STATION	STATION NAME		YEARS	HONTH			
	ALL CATHER						
		CLASE		HOURS (L.S.T.)			
		CONDITION					

SPEED (KNTS) DIR.	1 - 3	4-6	7 - ta	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.	₹• ?	1.1	• 3	• 1						• .	7.
NNE	•	2.0	4 .	1.3	. 4	• 1							
NE	•	2.1	2 • 2	. 4	• 1								
ENE		1.4	1.1		•							• 1	72.
E		1.	1.	• 1									
ESE		2.6	1.	• 1								- 4	٥.
SE	• 1	3.	1.7	• 1								† .	
SSE	1.	1 3	7.1	• ":	• 1							:1.	
S	. 3	5.	7.4	. u	•0			·				11.	
SSW	•	• (,	. 4									1.	9.
sw		•	• ,	• 1								1	
wsw	•		•	• 1	• 3							1	5.
w		• 1	• 1	•								1.1	4.
WNW			• 1										
NW		• •	•	• 1								.1	٠.
NNW		1.	1.	. 5	• 1							5	ŧ.
YARBL													
CALM		> <	> <	><	> <	><	\times	><	> <	><	><	7	
-	11.	j ? •	24.4	4	1.0	. 1				<u> </u>	f=====================================	1	٧.

TOTAL NUMBER OF OBSERVATIONS

JI JAL CLIMATOLOGY SKANCH STATE STARTS FRISHVICT/MAC

C

 \mathbf{C}

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 14 % 3	TRADE SAGUI AFABIA	77-84		060
STATION	STATION NAME		YEARS	MONTH
		ALL YEATHE?		.000-1140
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	?•	4.4	2.0	1.3	• 1	•1						11.3	to • S
NNE	• 7	2.	• 7	•6	• 1							400	4.4
NE	• 4	2.0	.7	• 1								3.3	,
ENE	• 1	• ?											4.7
E		• 5	- 3	• 1								1.	4 . 0
ESE	•	.7	• 3								1	1.5	4.2
SE	·	2.3	1.2									* • 4	5.4
SSE	2.3	4.	3.3	. 5					T	1		11.2	5.7
5	7.	5.4	2.5	• 3					T			1:.1	4.
SSW	• !										i	•	3
sw									1				
WSW	•	• 3									,	. 7	3.0
w	•	ļ ———					i		1	<u> </u>		•	3.00
WNW	•	3.0									1	1.7	3.0
NW	1.	1.5	• 0	• 1	•1	• 1			T	i		4 - 1	5.1
NNW	2.	4.4	1.7	.7	•6	•1			j			13.0	*
VARBL	1					Ī — — —			1	i			
CALM		$\supset <$		> <	\times		$\supset <$	$\supset <$	> <	$\supset <$		(1.2	
	1 .	35.7	14.5	3.6	1.0	.4						1 0.0	

TOTAL NUMBER OF OBSERVATIONS

U - (

AU COLHATOLOG CAMOS CTAC CEAT CHISEPPIL MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SYATION	STATION HAME	17-54	YEARS	MONTH
		ALL SEATH R		Noves (L.N.T.)
·		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.,	3.5	1.4	1.3								1	3 و ن
NNE	•	1.9	• 5	• 2								4	5.3
NE	•	1.1	• 2									1.5	4.9
ENE	•	. 5	• 2			L						•	•
ŧ	•	. 6										1.	3.5
ESE	• 4.	•	• 3	• 2								1 • 4	6 .
SE	•	• 9	• 5									۷.	4.5
SSE	1.	5 . 5	1.9										5.1
\$	• 1	4.1	2.7									0.4	4.0
SSW	• 1	• 5										• :	4
SW		• ?										•	3.5
W\$W		• 3	• ?		• ?								6.7
w	1.	•6											201
WNW	•	1.5	• 3								1	• 3	4 . 7
NW	1.	2.3	• 6	• ?								4.5	4.7
NNW'		5.2	1.7	.6	.5							1 .	۷ . و
VARBL]	· · · · · · · · · · · · · · · · · · ·						
CALM	\searrow	><	><	> <	> <	$\supset <$						3000	
	1 7	50.0	10.6	2.3	.6							150.3	٠,٠

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOGY CHANCH CLIMO EATHOR SERVICEVIAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 4	PERBUR SARUT APACIA	7.7 - 8.4	500
STATION	STATION NAME	YEARS	MONTH
		ALL FEATHER	1 50-1403
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	.1	2 . ',	7.9	1.4								0	1.5
NNE	•	∴ • 2	* 1	•6								• 4	5 • -
NE	•	1.2	• 5									• 1	3.7
ENE	•	1.4	• 2									• 3	4 . 4
E	•	• '.	• (,									•	ن 4
ESE	•	• 7	• 5									1.2	• 1
SE	•	1.1	1.2									•	5.1
SSE	. •	4.4	2.7									• 3	5.7
5	• 3	4.1	2.7	• 2	• 2							• 4	5 • 5
ssw	•											•	3 • .
SW	•	•	• 3									2.2	ة و ن
WSW	•	• 1:		• >								• 7	5.7
w	• .	3.4	• ?									. 1	3.
WNW		• *	• ?									1.	4 . 4
NW	1.2	3.3	2.3	• 5								7.3	ر د د
NNW	2	3	2.4	• 6	• 5							: 1	٤٠5
VARBL													
CALM		><	> <	> <	$\geq \leq$	\geq	$\geq <$	><	\geq		><	3- •:	
	1 5	24.4	17.2	3.3	. 8							1 0.5	3

TOTAL NUMBER OF OBSERVATIONS

__0.6_.

FE CUTANTOLOU AND FOR FOR A CONTRACT OF SERVICE CAR.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, Z	STATION NAME	77-84	YEARS	D C C
		ALL ALATHER CLASS		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7,	3.	5.5	3.4	1.8							1 .6	9.2
NNE	1.1	2.4	2.9	• 5								- 1	6.3
NE	• 1	2.0	3	• 1								•	5 • 2
ENE	• '	1.7	• 3									1 •	1 • 1
E	• 1	1.7	1.1	. 3								3.:	U - 1
ESE		1.	1.3									2.5	t • 7
SE	•	2•	2.3	• 1								4.0	6.9
SSE	1 - 4	4.1	5.2	1.5								14.1	7.2
5	1.5	• 0	4.5	1.3								14	6.4
SSW	•	• 3	• 1	• 1								. ₫	6.5
\$W		1.1	. 7							i		. • 1	5 . 4
WSW	•	• 8	. 3	.6	• 1							2.4	7.5
w	•	• 6										1.1	3.5
WNW	il	•	. !									• 7	لوون
NW		1.1	. 4	• 3									0.3
NNW	1.	1.5	3.7	1.8	• 3							• • .	6.0
VARBL													
CALM	$\geq \leq$	$\geq <$	$\geq <$	><	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	1'•1	
	10.	32.5	29.3	10.1	2.3				I			10.0	ا و ت

TOTAL NUMBER OF OBSERVATIONS

AL CLIMATOLOSY RANCH POSTAC AD REATHER SERVICE MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6 4 % 7	FITAUH SATOT ARABIA	77-84	
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1 (0-14)
		CLASS	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	2.1	4	3.8	1.5							14.4	15.4
NNE	•	3.6	3.2	1.	. 4							- 9	7.5
NE	• •	2 • 6	• 6	• 1								3.0	5.7
ENE	•	• "	• 7									•	5.7
E	•	1.5	• *,									•	4 . 7
ESE		1 • "	1.4	• 1			L					î •	7.
SE	•	1.4	2 • 4	• 3	. 4			L				•.	5.4
SSE	l.	4.5	7.√	• ?	• 3					Ĺ		1	7.5
\$	1.	ີ • ່	8.5	1.3	• 3				l	ļ	L	17.4	7.2
ssw	•	೭•ಚ	1.3	• 3				L	L				6.7
SW		1 • 1	i . 4	• 3								• 1	7.2
WSW	•	1.7	1.4	. 7	• 1		L					4.0	7.4
w	<u> </u>	• 1	• 7	• 1		İ	<u> </u>					1.	5.1
WNW	• :	• !					Ĺ			 		•	3.0.
NW	• :	, 4	• •					Ĺ	L	<u> </u>		1.5	٤٠.
NNW	•	1.7	2.0	1.4	• 1			<u> </u>				0.7	806
VARBL										L		L	
CALM	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	•	
	1	31.4	30.7	11.6	3.2							100.0	1 4

TOTAL NUMBER OF OBSERVATIONS

at the Mariation of Arch

SURFACE WINDS

AT H SERVICE AC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITAYE	_ ;	, A	STATIO		 				<u> 7</u> 7-	11.4	 	 YEARS	 	 	 		NTHO	
31A11WW			 	 	 	ALL		A T =	<u> </u>		 		 		4	<u>. j</u>	- 1 7 s (L.S.T.	
			 	 	 		co	NDITION			 	 	 					
			 	 	 							·	 _					_
ſ	SPEED					Ī.,				Τ.	 		 				MEA	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.7	7.7		•6		i					1 .5	9.7
NNE	•	3.0	4	2.0								1 •	7
NE	• •	1 . "	1.7	• 1								3.4	0.7
ENE	•	2.5	• 5	• 1								100	3 🛊
E	•	1.4	• ?										5.3
ESE	• 1	3.	2.2									1	ن و د
SE	•	3.5	2.0	• 3								1	6.1
SSE	•	3.9	7.3	3.7								15.1	6.3
S	•	. 4	5.6	1.4	• 1							11	7. +
SSW	•	• 5										1.4	4.3
sw	• 1	1.	1.5									7.4	6.4
wsw	•	1.4	1.7		• 1							₹•5	2.7
w	•	1.4	. 4	• 1								₹.	
WNW			• !									• 1	7.
NW		. :	•6	• 5								1.4	10.5
WNM		• 1	1.7	1.7	• 1							3.5	11.
VARBL													
CALM		> <	><	> <	><	$\supset \subset$	$\supset <$		><	$\supset <$	><	4	
	• 3	32.0	37.8	14.5	1.0							1 0,5	/ • 1

OTAL NUMBER OF OBSERVATIONS	710
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FR C. LMATCLOSY - ANCH ETAC - FRT FR SERVICEZMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.3	JYAUN IANGI ANAHIA	77-64	ئ∃ر
STATION	STATION HAME	TEARS	MONTH
		ALL LEATHER	/ . 3- /860
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	: • 1	4 . 4	- 3	2.5	1.0	• 1	• 1	· · · · · · · · · · · · · · · · · · ·				14.5	2.7
NNE	•	4.6	6.3	1.1								17.2	1.5
NE	•	2•	2.1	• 3								1 . 3	: • દ
ENE	•	1.4	1.1									7	0.3
E	• 1	3.2	. 7									•••	4 . 1
ESE	1.	5.0	2.									• *	5.03
SE	ì.	5.3	1.7	• 1	• 3							• 1	5.7
SSE	.1	€. • :	7.2	• 4								1 -1	t: • 3
5	1.	2.2	1.7	.7								• ¿	5.4
SSW	•	• 7										• 4	4 . 3
sw	•	• 4	• 1									1	4 . 3
wsw	•	• 1										•	3.0
w	•	• 4										1.1	3.:
WNW	• .		• :									•	4 . 5
NW		•	• u			i — — —						• 1	5
NNW	•	1.3	7.1	• ₹					<u> </u>			102	7.
VARBL									<u> </u>			1	
CALM	><	><	> <	><	><	><	> <	$\supset <$	$\supset <$	> <	> <	12.0	
	14.	35.A	29.6	1.9	1.3	. 1	. 1					100.0	5.

TOTAL NUMBER OF OBSERVATIONS

AL CEIMATOLOGO THAVEN HIAC TEIT HISCHOIC VONC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	A LO A WA SA STATION HARE	77-84	YEARS	EOSTH
	A	LL ALATHER		100-73
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		₹.2	6.2	1.4	• 3	• 1						1	7.4
NNE	1.13	7 . 4	4 . 1	• 9	• 1							4	700
NE		⁷ • 1	2 • ~	. 4								f .	ნ.••
ENE	•	1.3	1.3									•	607
E	1.	2.2	1.3									ч.	5.1
ESE	•	1.1	. a	• 1								• 1	5.4
SE	1 • 1	1.	2.1	• 1	• 1							• ?	0.43
SSE	4.0	0.3	4.5	. 8								1 1	٠
S	2.1	4.5	4 . 3	. 1								11.	5.6
ssw	•		• 1						<u> </u>			ز.	د و غ
sw				• 1								• 1	100.
wsw	• '											• •	2.
W	• 1	• 1										•	4.5
WNW		• 1											3
NW	•	1.7	• 7									•	2.5
NNW	•	2.2	1.1	• 6	• 4							٠.	8.0
VARBL													
CALM	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	73.3	
	13.	31.1	29.3	4.6	1.0	• 1						11.5.5	ے و د

TOTAL NUMBER OF OBSERVATIONS 714

AL CATHOTELOWY NA CHI-ETAD - EATHER SERVIC MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

, t	TRAIN SAIL LA LASTA	77-84		Dif
BOITATE	STATION HAME		YEARS	MONTH
		ALL -EATTER		2 L L
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	3.3	4 . 4	2.5	• 7	• 1	• C					17.	4
NNE	•	• 1	2.	2	• 1							7.7	7.2
NE		2.07	1.2	• 2								•	٤
ENE		1.2	• 5	•17									5.7
E	•	1.5	• 4	• 1								• -	.
ESE	•	1.5	1.1	•1								1.2	5.7
SE	•	2.3	1.	• 1	• 1							_ 3	٠ ا
5SE		1	4.7	1.2	• (1							1 . 1	6.7
\$	• 1	4.7	4.1	• 5	• 1							11.	- • ć
SSW	•	. 5	• ?	• 1								i •	5.7
sw	• 1	• `	• 5	• 1								1.4	6.1
wsw	•	• 5	• 4	• 2	• 1							1.5	t.c
w	•	• 1	• 1	• 3								1 .	400
WNW	•	• 5	• 1									_• '-	4.5
NW	•	1.3	• 3-	• 3	• .	• 7			I			• 1	6
NNW	1.	2.4	2.2	1.0	• 3	• 1						1.2	7.4
VARBL									I				
CALM		$\supset <$	><	><	><		$\geq <$	$\geq <$	$\triangleright <$			• 3	
	1 . 1	31.5	26.4	7.1	1.4	. 1						150.6	4

TOTAL NUMBER OF OBSERVATIONS

656

SURFACE WINDS

· Sim It. (14

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BOLTATE	TALE A LI A AAIA	77-84	YEAM	. L.L.
		ALL PLATHER		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	2.	4.4	2.9	1.1	• ?						1	9.
NNE	•	2.7	3.7	1.0	• 5	• 1						•	5.7
NE	•	2.3	2.2	• 5	• 1	• :	• 0					. 4	7.4
ENE		1.3	1.1	• 3	• 1	•						•	6.
E	• 7	1.	1.2	• 2	• 0								U .
ESE	•	1.5	• 7	• ?	• 1	•)						• .	t
SE		1.7	1.3	• 2	•	• 3						1	0.3
SSE	1.0	3.1	2.5	.6	• 1	• 3						/ . w	5.7
s	1.	3.7	2.3	.5	• 1	• 0						1.5	6.4
SSW		• 5	. 4	.1	•					1		1.2	٥٠١
SW			• 4	• 1	•0							1.2	5.3
wsw	•	.7	• 5,	•1	•0	• 1						1.7	6.4
w		. 7	• 5	• ?	• 1	• 3						> -	6.1
WNW	• 1	. 3	• 5	• ?	-1	• 1)	•0						7.1
NW	•	1.	1.3	.6	• 2	• 1	• 0					< . 5	8.1
NNW	. 1	2.5	2.7	1.6	• 5	• 1	• (1 6.	6.5
VARBL		•~	• 7	•0									5.5
CALM		><			><	><					><	21.00	
	1 .	28.1	26.6	1 . 4	2.9	• 5	• 1	•0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

63939

- AL - CLIMATOLOUM - - AAC -- TAT -- ENTIFY STALLOWARD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTA

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	1	4.2	: • 6	4.×	1.0	. 3	• 1				1 .	14.
NNE		1.	2.6	4 • 1	2.6	• 5	• 1					1 .	1 3
NE		1.1	1.4	1.2	• 7							4.	1 • 5
ENE	•	1.	• "	• 5	• 4	• 1							> + 2
E	•	1.	• 7	• 3	• 7							2.	7.)
ESE	•	1.7	• 6	• 3	• 0	•						. 3	7.4
SE	• 7	•	• 3	• 4	• 2							7.7	٠
SSE	•	1.	1.6	1.3	_• 5	•						• 5	~ •
5	•	1 + 7	5.0	1.2	. 4	•						٠.	٠.٠٩
SSW	•	•	_ • :	• 1	• 0							•	7.
sw	•	•]	. ₹	- 5	• 6							1 • *	. 7
wsw	•	•	• 4	• 6	• 3							1 5	10.9
w	•	• '	• •	• 7	• 1	• 1						7.4	7
WNW	•	•	• 7		. 4	• 1	•					• <u>i</u>	10.7
NW	•	1.	7.2	1.4	1.5	1.2	•2					• •	13.
NNW	•	" • ů	3.4	2.7	1.8	0	• 3		<u></u>			11.7	14.
VARBL		•								<u> </u>		•	
CALM	\searrow	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	12.4	
		17.5	27.3	21.4	14.5	4.7	1.0	• 1				1 0.0	1

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

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PERCENTAGE FRELUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS GLOBÁL CLÍMÁTOLOGY HRANCH USAFETAC ATH WEATHER SERVICEZMAC STATION NUMPLE: 404340 STATION NAME: PIYADH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS(LST): DD00-0200 ILING VISIBILITY IN HUNDREDS OF METERS 6E 90 GE 32 GE FEET | 100 30 . 60 4 () 24 12 10 Whice It I 31.2 31.2 32.2 32.6 32.8 66 200001 65 180001 23.5 27.6 33.9 33.9 33.9 31.7 32.3 32.5 34.1 34 - 1 32.5 32.5 31.7 32.3 33.4 $\frac{34 \cdot 1}{34 \cdot 1}$ 32.5 34.1 34.1 of Lenañ 23.5 27.6 31.7 32.5 34.1 23.5 32.3 33.1 $\frac{32.5}{33.3}$ 33.8 33.9 34.9 34.1 34.9 ..E 1400° 27.6 31.7 32.5 33.4 33.9 34 . 1 ระ โลกมีก็ไ 28.2 34.9 12.5 35 16000 65 90601 65 90601 26.3 31.7 36.5 37.2 37.2 38.2 38.5 38.7 39.7 38.8 38.8 38.8 38.8 38.8 26.6 27.6 32.0 33.3 36.9 39.3 37.6 37.7 37.7 38.7 39.0 39.1 39.3 39.3 39.3 39.3 40.9 41.0 41.2 41.2 40.4 39.9 300.24 28.1 36.8 39.A 39.9 40.9 41.4 41.5 énuri [18.8 40.9 41.4 41.7 50001 94.6 88.3 93.3 94.3 94.5 94.5 95.4 95.9 96.0 96.0 96.2 96.2 96.2 96.2 96.2 Ģ€ Ģ€ 45001 47001 88.3 94.8 94.5 94.3 96.0 RELICI 89.4 89.9 94.8 96.0 94. 96.2 97.1 97.6 97.R 97.8 97.9 97.9 97.9 97.9 ř, f, 30001 97.1 97.3 97.3 98.3 99.0 99.0 2000 A4.2 89.9 95.9 97.3 97.3 98.3 98.7 99.0 99.0 99.0 20601 84.2 44.2 95.9 85.9 97.1 97.3 97.1 98.7 98.9 99.11 99.0 99.0 99.0 10001 Ã0.5 99.0 97.1 99.0 97.3 97.3 98.3 98.9 99.2 15001 89.9 95.9 97.3 99.0 99.2 99.4 99.4 99.4 99.4 99.4 90.0 \$6.U 97.3 99.2 13661 90.0 20.90 97.6 97.6 97.8 98.7 99.5 99.7 99.7 99.8 99.8 99.8 וייטיאד F4 . 3 99.8 99.8 90.0 90.0 96.2 97.6 99.7 3001 97.8 97.8 99.5 99.8 őF apai 34.3 100.0 97.4 97.9 99.8 40.A 100.0 100.0 100.0 100.0 9A.9 99.7 SE CF 7071 90.0 90.0 97.8 100.0 100.0 100.0 100.0 6071 76.4 84.3 98.9 100.0 100.0 100.0 100.0 130.0 84.3 84.3 34.3 97.9 5001 99.7 99.8 99.R 100.0 100.0 100.0 90.0 96.4 97.A 97.9 98.9 100.0 100.0 6£ बहुत्ता इत्स्त 90.0 90.0 99.8 100.0 76.4 97.9 97.A 100.0 97.9 94.9 99.7 100.0 100.0 100.0 99.8 202 94.3 98.0 ₹8.0 96.4 96.4 100.0 100.0 1001 99.8 97.9 47.9 98.9 99.9 100.0 100.0 100.0 Pa. t 90.0 36.4 97.A 97.0 97.9 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 94.9 TOTAL NUMBER OF OBSERVATIONS: 631

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE EPROVENCY OF OCCURPENCE OF CETLING VERSUS VISIBILITY USAFETAC ALRAGA INUMA TOURS : PARTA TOTATE TOTATE : PARTIN NOTATE PERIOD OF RECORD: 77-84 MONTH: JAN HOURS (LST): J300-0500 VISIBILITY IN HUNDREDS OF METERS GE GE 24 20 GE 16 GE G E 32 ĪN FEET | 160 12 10 40 4 A 39.6 39.5 39.3 39.7 39.7 40.2 40.2 40.2 \$1.9 34.1 37.B 34.5 36.6 40.0 NO CETE ! 41.2 41.2 41.2 41.1 41.2 35.2 36.8 OF SOUPE 32.6 41.2 41.2 40.7 41.2 39.5 39.5 40.4 35.2 35.2 39.7 49.4 40.7 41.2 GE 180001 32.6 38.8 41.2 41.2 GE 140001 39.7 39.7 40.4 40.4 40.7 40.7 36.0 46.8 Lunun 44.7 45.8 46.3 19.9 45.1 45.1 37.1 44.0 46.8 46.9 46.8 39.5 44.7 45.1 45.1 46.3 90001 49.0 48.9 45.6 48.5 46.4 46.A υĹ accort TA.T 49.2 47.0 47.0 48.4 48.7 48.7 49.0 49.2 41.2 uA.D 48.7 70001 SE 9.0 49.2 45.8 46.6 PCOC1 96 . 2 96.2 96.2 93.6 93.9 Sour F5.3 88.2 92.7 93.9 95.0 93.1 93.9 94.3 95.3 96.0 98.1 96.4 96.5 85.3 87.0 88.6 96.5 96.5 96.5 6 E 6 F 45U8] 48006[96.5 97.6 98.3 98.8 98.6 98.8 90.3 35 un | 3000 | 87.0 6 E 99.3 99.3 99.3 ĞĒ 00.6 95.5 96.5 96.5 25001 99.3 99.3 98.1 98.8 99.8 95.5 04.5 96.9 98.4 90.6 96.9 20001 10001 98.1 99.1 99.1 99.3 99.3 90.6 96.5 99.3 97.3 97.3 - 5E 95.5 96.9 99.3 99.7 98.3 98.6 98.6 99.5 99.7 97.1 99.0 99.0 99.7 95.7 1:00 SE 12071 87.5 90.8 96.7 100.0 100.0 98.6 99.0 100.0 90.8 90.8 90.8 95.8 95.8 95.8 97.1 97.4 Ingr $\begin{array}{c} 99.8 \\ \overline{99.8} \end{array}$ 97.1 97.1 97.4 98.6 97.4 99. 1 99.3 100.0 100.0 100.0 100.0 900 99.3 100.0 100.0 100.0 100.0 99.0 GF ront 97.5 99.0 99.3 100.0 100.0 95.8 99.3 99.8 100.0 100.0 A7.5 90.0 5 F 70F 100.0 100.0 100.0 95.6 57.1 97.4 97.4 7, 5 1903 P7.5 96.8 100.0 100.0 98.6 99.0 90.8 90.8 70.9 95.8 95.8 97.1 97.4 97.4 97.1 97.4 97.4 98.6 99.0 99.3 100.0 P7.5 100.0 100.0 100.0 ٠, ۴ 4001 99.8 100.0 100.0 100.0 3071 87.5 95.6 100.0 2001 90.8 99.3 99.3 99.8 100.0 100.0 100.0 6 E 99.0 100.0 100.0 95.6 97.4 98.6 1001 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/HAC STATION NUMBER: 4114380 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS(LST): 0600-0800 GE GF GE IN | GT FEET | 160 GE 32 ВC 60 40 10 NO CETL | 39.4 52.2 25.2 1.04 53.3 53.3 54.5 54.6 55.0 55.0 55.5 55.5 55.5 55.3 55.5 of 2000nl 57.9 55.6 57.5 57.9 57.9 54.5 55.6 57.0 57.1 57.5 57.8 57.9 26.2 55.6 57.0 57.5 57.8 57.8 57.9 57.9 57.9 55.6 57.5 57.9 41.2 54.5 UF 160001 51.7 57.1 41.2 54.5 55.6 55.8 GE 14000 51.8 55.8 26.2 57.0 57.1 57.8 57.6 GE 120001 GE INCUCI 30.1 46.9 57.8 61.3 62.4 63.7 63.9 65.4 64.7 90001 30.5 58.8 65.1 63.6 63.6 64.9 65.4 69.2 65.9 65.9 8០ពក្ 31.8 49.5 61.5 67.9 68 - 7 68.7 69.4 700ni 49.8 61.6 66.6 66.6 68.2 69. 69.7 10009 30 32.1 75.2 5000 57.3 90.7 93.7 86.9 89.4 89.9 57.3 95.2 45001 90.7 92.1 95.2 95.2 91.2 97.8 4000 77.3 93.2 94.5 96.4 97.2 97.7 3500 59.4 77.6 95.0 95.0 96.9 98.3 98.2 98.3 98.3 98.3 30001 77.6 90.1 98.0 25001 59.4 77.6 94.2 95.5 95.5 98.2 98.8 90.2 98.2 98.7 98.8 98.8 98.8 1800 59.4 90.2 94.2 95.5 95.5 97.4 97.5 ĠΕ 15001 59.4 77.6 90.2 94.4 95.7 95.7 98.0 98.3 98.3 98.8 99.0 99.3 99.5 99.3 12001 97.7 59.4 99.7 96.0 97.8 98.7 99.7 99.2 99.3 98.3 9001 77.6 90.4 94.7 96.0 96.0 98.1 98.7 98.7 99.3 99.7 99.7 59.4 C.F 7001 77.6 90.4 94.9 96.2 96.2 98.0 98.5 98.8 98.8 99.1 99.5 99.8 99.R 90.4 Tous 96.2 98.0 500 98.0 98.8 400 59.4 77.6 90.4 94.9 96.2 96.2 98.0 98.5 98.8 99. 99.5 99.8 99.8 99.8 3001 70.4 96.2 98.0 100.0 100.0 100.0 59.4 90.4 2001 98.5 98.8 99. 100.D 100.0 Ino. 99.0 1001 96.2 96.2 100.0 100.0 17.6 90.4 96.2 96.2 98.0 99.5 8.80 99.3 99.5 100.0 100.0 100.0 98.8 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE THAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS (LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS
GE GE GE GE GE GE GE GE GE GT GF. GE ßĒ 16n GF ĞE 32 60 40 20 10 24 12 0 30.3 49.5 NO CETE T 13.1 52.8 55.3 55.3 57.2 58.5 58.7 59.0 59.1 59.1 32.6 32.6 32.6 GE 200001 13.8 13.8 13.8 53.4 59.4 59.4 56.9 59.4 63.5 6E 160001 53.4 56.9 59.4 62.9 63.3 63.0 61.6 62.7 6E 140001 63.9 64.0 63.5 60.4 60.4 SE 100001 15.3 37.0 59.5 63.6 66.5 70.0 70.5 GE 90001 69.1 69.0 12.5 72.6 77.1 16.4 40.3 64.8 71.1 73.1 75.5 GE 7000 16.4 40.3 69.3 59.0 59.0 59.8 94.3 50001 35.1 93.6 A7.9 91.8 GE 96.4 95.9 96.5 96.5 40001 98.1 35.7 95.0 GF 94.6 89.7 91.2 91.1 00.8 97.7 98.0 98.1 98.1 98.5 36.0 96.5 98.0 98.1 98.5 98.7 98.7 98.7 30001 6F 60.7 90.2 98.5 2500 36.2 60.A 91.2 99.6 GF 04 - 1 99.0 99.6 85.9 2000 94.8 99.4 99.9 100.0 100.0 100.0 99.9 61.0 94.9 GE TPUCI 36.2 90.7 97.7 99.1 80.4 99.6 100.0 100.0 100.0 99.9 99.4 100.0 100.0 100.0 A5.9 94.9 12001 36.2 61.0 99.9 99.9 TODA 94.9 99.1 100.0 100.0 GE PS.9 900 I 99.4 100.0 100.0 36.7 61.0 94 . R 96.0 97.7 97.7 99.1 99.6 99.9 100.0 100.0 100.0 90.7 61.0 94.9 97.7 99.1 79.4 99.6 99.9 99.9 100.0 100.0 100.0 GE FUUT 36.2 61.0 911.7 5001 97.7 99.1 99.1 99.4 16. 00.1 99.4 100.0 4001 3001 61.U 61.U 85.9 85.9 36.2 99.9 100.0 99.6 100.0 100.0 97.7 TE 36.2 68.7 4.40 94.9 99.4 99.9 99.1 99.4 99.6 99.9 99.9 100.0 100.0 100.0 Inni 76.7 51.0 90.7 01.0 97.7 36.2 94.8 94.9 97.7 99.6 99.9 99.9 100.0 100.0 100.0 TOTAL NUMBER OF DESERVATIONS: 687

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GLOBAL CLIMATOLOGY BRANCH USAFETAC FERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MAL : HINCH HOURS(LST): 1200-1400 ILING VISIBILITY IN HUNDREDS OF HETERS CEILING 5E GE GE 51 S.F. GE ĞE GE GE 10 NO CETE T 22.0 35.0 45. R 48.0 49.1 44.1 46.0 46.3 47.0 48.1 48.8 49.0 49.D 49.1 49.1 37.6 37.6 47.7 52.7 52.7 52.7 of 20nuni 23.5 49.6 50.9 52.0 52.0 52.0 52.9 52.9 49.7 50.1 50.1 51.9 51.9 52.0 52.9 53.0 53.0 GE 18CUO! JE 160UO! 23.5 52.0 52.9 53.0 53.0 53.0 47.7 49.6 49.7 50.1 50.9 51.9 52.9 52.9 53.3 GE 140001 50.1 51.4 50.9 52.7 54.0 52.9 54.2 53,0 54.3 53.0 54.3 48.4 51.0 GE TOOUCT 51.9 53.2 55.9 25.2 54.3 55.8 54.6 56.2 59.7 55.8 57.3 56.8 58.4 56.9 58.5 56.9 41.1 55.0 57.6 57.8 57.8 57.9 57.9 9000 I 25.5 41.6 56.6 59.2 59.4 59.4 59.5 63.1 59.5 63.1 58.6 60.1 61.0 62.0 62.1 62.1 63.0 7000 26.5 43.9 60.2 62.1 63.0 6000 59.8 56.1 60.2 50001 76.2 76.4 88.5 88.6 89.8 58.8 92.7 92.8 93.5 94.5 94.7 GE 91.2 92.2 95.4 95.5 95.7 95.7 92.4 40001 91.4 95.5 97.0 97.3 98.7 95.7 97.1 97.4 6<u>E</u> 95.8 97.3 59.5 77.1 94.2 95.1 96.1 96.3 96.3 97.1 3500 96.4 97.8 96.5 96.5 3000 60.1 25001 60.2 78.7 95.0 96.1 96.5 97.0 97.0 97.4 91.9 98.4 90.6 99.4 95.1 L: 20601 60.4 92.1 99.0 100.0 100.0 99.7 96.5 97.8 78.8 98.8 99.1 99.0 99.9 15001 92.1 60.4 79.8 95.1 99.7 98.8 99.0 100.0 100.0 10001 95.1 96.8 50.4 78.8 97.0 97.8 99.0 96.5 99.7 100.0 100.0 9001 78.8 78.8 92.1 99.7 95.1 99.9 100.0 GF 60.4 96.5 97.0 97.A 98.8 99.0 39.0 99.9 100.0 99.7 700 60.4 92.1 92.1 95.1 97.0 98.8 99.0 99.9 99.9 100.0 100.0 6071 78.8 96.5 97.0 79.0 99.0 100.0 500 60.4 95.1 G F 78.8 97.8 98.8 99.9 99.9 32.1 96.5 99.0 99.0 99.7 100.0 100.0 99.7 96.5 76.5 400 T 60.4 78.8 92.1 95.1 95.1 98.8 99.0 99.0 99.0 100.0 100.0 GF 97.0 97.8 98.8 9.0 99.9 100.0 200 95.1 97.0 99.0 100.0 TOOL 60.4 07.1 7A.A 76.5 97.0 97.4 99.0 99.0 60.1 44.4 60.0 60.4 TOTAL NUMBER OF OPSERVATIONS:

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GLUBAL CLIMATOLOGY BRANCH PERCENTIGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS (LST): 1500-1700 VISIBILITY IN HUNDREDS OF METERS CEILING FEET | 40 35.C ÑŌ ČĒĪL I 29.1 40.6 42.1 43.6 44.2 41.0 42.1 42.8 44.6 44.6 44.8 44.8 37.1 GE 200001 30.8 49.6 48.7 48.7 43.6 46.5 45.7 45.7 47.5 49.2 37.3 43.7 44.6 GF 180001 30.9 48.4 49.3 49.5 45.9 46.6 47.7 48.4 49.3 49.5 46.0 49.6 GE 120001 31.5 45.1 46.2 48.1 50.2 50.0 50.8 51.0 GE 10000 40.4 33.3 48.7 1.02 50.8 47.7 50 . 1 52.0 52.8 53.7 53.8 53.8 GE 90001 54.3 57.8 55 • 1 58 • 5 55.1 15.4 43.6 51.6 53.1 54.4 54.4 \$5.5 56.7 57.5 58.4 56.0 58.8 58.8 59.0 59.0 60001 ĞΕ Sount 72.5 80.6 AA . A 90.3 91.9 92.9 95.9 95.3 45001 91.1 92.0 81.0 90.5 95.0 95.9 95.9 96.1 B3.0 74.5 92.9 94.4 94.4 95.5 97.4 GE 35671 74.7 83.1 91.3 97.0 99.2 99.8 98.6 98.6 98.8 98.8 94.1 95.8 97.0 2500 92.5 95.8 95.8 75.6 84.2 95.8 97.0 98.2 98.9 99.2 99.8 99.8 99.8 100.0 100.0 100.0 GE ZOURI 84.2 100.0 100.0 92.5 94.3 75.6 95.8 97.0 GR. O 99.2 94.3 99.2 95.8 97.0 98.2 78.9 99.8 99.8 100.0 100.0 100-0 84.2 17001 75.6 92.5 95.8 100.0 84.2 1000 75.6 92.5 94.3 95.8 97.0 98.2 9A.9 99.8 100.0 100.0 9001 94.3 84.2 95.6 98.9 99.8 75.6 95.8 99.2 100.0 99.8 100.0 TF 92.5 95.6 100.0 98.2 98.9 99.8 100.0 100.0 1003 84.2 95.8 100.0 100.0 94.3 94.3 540 75.6 84.2 92.5 95.8 98.9 100.0 92.5 75.6 97.0 98.2 98.9 99.2 99.8 100.0 100.0 3071 84.7 60 95.8 100.0 130.0 98.2 95.B 98.9 99.2 99.8 99.8 100.0 100-0 1001 100.0 100.0 99.6 100.0 100.0 100.0 TOTAL NUMBER OF UNSERVATIONS:

GLORAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUPPENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS(LST): 1800-2000 VISIBILITY IN HUNDREDS OF CEILING METERS ĪN GE GE GÉ ĞĒ GE GE 160 FEET 90 80 66 48 40 32 24 20 12 10 ٥ NO CEIL 1 .2 72.4 33.1 39.7 41.1 41.7 41.8 42.4 43.4 43.5 43.8 43.8 43.8 43.8 GE 2000F 23.7 34.4 41.8 43.4 44.6 46.2 46.5 46.5 46.5 46.8 46.8 46.8 46.8 GF 18CODI 23.7 34.4 41.8 43.4 44.6 44.7 46.2 46.5 46.5 46.5 46.8 46.8 46.8 46.8 23.7 46.2 46.5 GE 160001 34.4 45.3 46.5 46.8 46.8 GE 140001 23.7 34.4 41.8 43.4 44.6 44.7 45.3 46.2 46.5 46.5 46.5 46.8 46.8 46.8 46.8 47.7 GE 12000 47.7 37.8 45.8 50.5 51.7 55.6 50.8 52.0 55.9 6E 100001 25.5 50.5 47.3 50.2 50.5 50.8 50.8 50.8 GE 90001 26.1 38.4 46.7 48.5 49.7 49.8 50.5 51.4 51.7 51.7 52.0 55.9 52.0 80001 55.6 54.7 54.8 55.4 56.8 70001 51.1 56.3 56.8 50001 66.3 80.4 90.0 92.3 93.7 93.8 93.8 94.4 95.3 95.8 95.8 95.B 96.1 96.1 96.1 96.1 67.4 45001 80.4 90.2 92.4 94.0 94.6 95.6 96.1 96.1 96.1 96.4 96.4 96.4 96.4 4000 92.1 96.5 98.0 98.0 98.D 98.3 98.3 98.3 98.3 97.0 GE 35 G.C. 61.8 82.5 92.6 94.9 96.2 96.4 98.0 98.5 98.5 98.5 98.8 98.8 98.8 9 R . A 30001 93.2 25001 95.8 97.1 97.3 97.9 99.7 82.9 93.2 99.4 98.9 99.7 • 2 68.1 82.9 93.2 6F 94.9 ... 00.4 99.7 90.7 99.7 16001 95.6 99.4 98.9 99.7 99.7 GE 15001 68.1 82.9 95.8 97.1 97.3 97.9 99.4 99.4 99.6 99. 93.2 1000 68.3 **93.1** 93.5 96.1 97.4 97.6 98.2 99.2 99.2 99.2 99.7 99.7 99.7 100.0 100.0 100.0 100.0 6.F 9001 68.3 83.1 93.5 96.1 97.4 97.6 98.2 99.7 99.7 99.7 100.0 100.0 100.0 98.2 97.6 GE हत्ता 99.7 100.0 100.0 100.0 100.0 99.2 99. GE 700 83.1 96. 97.4 97.6 98.2 99.7 100.0 100.0 98.2 99. 6001 97.6 GE 93.5 76.1 99.7 99.7 66.3 100.0 100.0 100.0 100.0 99.2 93.5 97.4 97.6 99.7 GE 5001 68.3 83.1 96.1 98.2 99.7 99.7 100.0 100.0 100.0 100.0 97.4 900 83.1 99.7 100.0 GE 68.3 96.1 97.4 97.6 98.7 99.7 100.0 100.0 3001 .3 93.5 99.2 99.7 100.0 100.0 200 GE 100 100.0 100.0 100.0 100.0 98.2 GE n 68.3 63.1 93.5 96.1 37.4 97.6 99.7 99.7 100.0 100.0 100.0 100.0 99.2 99.7 TOTAL NUMBER OF URSERVATIONS:

GLOJAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE / MAG PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARAPIA HONTH: JAN HOURS (LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS

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32 24 20 16 CEILING GF. ĞĒ GE GE GF G€ GE GE GE 60 48 160 90 80 48 12 10 0 NO CETL T 25.5 10.1 39.3 32.3 18.6 38.9 39.9 40.1 40.5 40.9 40.8 41.0 41.0 41.0 GE ZODUO! 33.8 40.4 40.7 41.1 41.1 41.7 41.9 42.3 42.6 42.6 42.8 42.8 42.B 42.8 42.8 GC 180001 40.7 41.1 41.7 41.9 42.6 42.6 42.8 26.4 40.4 33.8 40.4 40.1 41.1 42.3 42.A GE 140001 42.6 40.7 42.8 40.4 42.8 42.8 GE 120001 41.7 GE 1000C 44.6 45.6 44.5 45.2 45.3 45.8 46.1 46.2 46.2 46.2 46.2 1000 8000 36.8 44.6 48.2 45.5 46.1 46.2 50.3 47.0 47.1 50.8 47.1 50.8 47.1 50.8 47.1 50.8 50.6 r.F 50.6 10001 39.6 29.6 29.6 48.5 48.9 50.3 50.6 51.5 T.F 49. ริยัยก 93.1 93.5 84.2 94.3 94.3 95.8 96.1 96.2 96.4 96.4 93.8 96.5 45001 74.0 84.2 94.6 94.6 95.2 96.4 96.4 96.7 96.7 96.7 GE 96.1 98. 4000 95.0 96.5 96.5 97.6 98.0 98.3 35001 98.8 98.9 86.2 96.1 96.8 96.8 98.3 3000 96.1 97.0 98.3 00.5 91.1 GE 2500 75.8 86.6 96.1 97.1 98.3 98.8 99.5 99.4 100.0 2000 75.8 86.6 96.2 98.5 98.9 99.7 67 TRUD 75.8 96.2 97.1 97.9 67.6 08.0 99.7 99.8 100.0 100.0 100.0 1500 97.9 99.7 75.8 97.1 97.9 99.4 99.5 100.0 100.0 GE 86.6 96.2 98.5 98.9 100.0 12001 99.7 100.0 100.0 1000 97.9 98.5 99.4 96. OA.O 99.1 100.0 100.0 75.8 97.9 99.7 97.1 97.9 98.5 99.4 GΕ 9601 86.6 96.2 98.9 99.7 100.0 100.0 100.0 97.9 enn i 96.2 97.1 98.9 99.4 99.8 100.3 100.0 100.0 99.4 99.7 GE 7001 75.8 36.6 96.2 97.1 97.9 97.9 98.5 98.9 99.7 99.8 100.0 100.0 100.0 600 99.8 100.0 97.9 98.5 100.0 100.0 100.0 99.7 4001 97.1. 97.9 98.5 98.9 99.4 99.8 100.0 100.0 100.0 96.2 300 97.1 97.9 44.7 100.0 100.0 100.0 99.7 2001 GE 75.8 86.6 96.2 97.1 97.9 97.9 98.5 98.9 99.4 99.7 99.5 170.0 100.0 100.0 1001 100.0 100.0 100.0 97.9 97.9 98.5 99.4 99.7 99.7 99.8 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICE/HAC STATION NUMBER: 404387 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JAN HOURS (LST): VISIBILITY IN HUNDREDS OF METERS

GE GF GE GE GE CEILING 90 80 4 D 32 2 8 33.2 42.8 NO CETL T .0 41.3 43.6 45.1 45.5 45.8 45.9 43.6 SE ZUCUD .0 24.9 34.9 43.8 45.3 48.2 48.3 48.6 48.7 48.8 48.8 48.8 46.2 46.3 47.3 47.9 GE 18000| 0.0 24.9 34.9 43.8 45.3 46.2 46.3 48.7 47.3 48.6 34.9 47.9 48.2 48.3 48.8 98.8 48.8 GE 140001 GE 120001 24.9 25.3 46.3 46.3 49.3 49.7 49.7 49.6 21.4 21.7 28.6 GE IGNUNI 51.3 52.4 55.5 51.4 52.5 55.6 53.0 54.2 57.5 53.3 54.5 57.9 38.8 50.3 52.3 53.4 54.6 57.9 53.9 53.9 53.9 48.5 53.7 53.8 55.0 6E 90001 39.3 52.1 54.9 59.2 56.4 58.4 56.7 58.4 58.4 GE 29.0 56.0 58.0 58.9 10000 GF GE 91.7 91.8 93.7 93.0 93.2 95.1 93.1 93.2 95.2 95.5 95.7 97.6 5000 78.8 89.5 66.0 94.3 95.1 95.4 95.8 95.9 96.0 96.0 96.0 91.4 94.4 4500 4000 96.0 96.2 96.2 78 · 8 95.2 96.1 67.2 3500) 3000) 98.5 99.0 99.1 99.1 250n 67.9 81.2 92.5 95.0 96.3 96.4 97.7 98.5 98.9 99.3 99.4 99.5 99.5 99.5 92.6 99.6 67.9 96.5 20001 95.1 96.6 98.6 99.6 81.2 97.8 99.5 ĞĒ วิศัยดีไ 99.0 99.6 99.6 96.5 99. 99.5 98.7 99. 99.8 96.6 12001 95.3 υE 10001 67.9 81.3 92. 96.7 96.8 98.0 98.9 99.3 99.4 99.7 99.8 99.9 99.9 99.9 9001 98.9 96.8 99.4 7.7 67.9 92.8 95.3 96.7 96.8 98.1 98.9 99.3 100.0 100.0 100.0 7001 98.9 100.0 100.0 96.8 100.0 365T 99.7 100.0 100 92.8 95.3 94.4 98.1 98.9 99.3 99.4 99.7 99.9 100.0 100.0 100.0 96.8 4001 7001 96.7 100.0 100.0 100.0 67.5 92.8 99. 95.3 96.8 98.1 98.9 99.3 99.1 99.9 100.0 100.0 100.0 99.4 99.7 200 96.7 96.8 98.1 98.9 100.0 100.0 100.0 95.3 99.3 99.4 1001 92.8 99. 100.0 95.3 a l 67.9 81.3 92.6 96.7 96.8 98.1 99.4 99.7 99.9 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 5184

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GLOBAL CLIMATOLOGY PRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: FEB HOURS (LST): 0000-0200 EILING VISIBILITY IN HUNDREDS OF METERS GF GE IN I GE 3≥ GF GF ĠE GE SĒ 16 10 29.2 NO CETL T 25.0 35.8 33.8 14.1 35.2 35.2 35.6 36.5 35.9 35.9 36.1 36.1 36.5 37.2 37.4 et 190001 et 180001 36 • 1 36 • 3 25.4 30.3 35.4 37.2 38.5 39.5 38.1 38.3 38.7 39.0 38.7 38.8 39.0 25.4 38.8 39.2 30.5 35.6 36.3 37.4 37.4 38.3 18.5 38.7 38.7 38.6 38.8 39.0 19.2 37.4 25.4 35.6 GE 14000 38.3 38.7 36.3 37.4 38.5 38.7 38.8 38.8 39.0 39.2 39.2 39.2 30.5 GE 120001 36.3 38.5 38.7 38.8 39.0 32.7 34.5 GF LOCUOL 26.5 41.6 43.7 45.7 41.6 43.7 45.7 41.7 43.9 45.9 37.7 30.6 40.1 40.1 41.0 41.3 41.4 41.4 6E 9000 6E 8000 GE 7000 44.1 27.8 43.2 40.8 42.1 43.4 44.1 94.1 35.4 42.6 28.5 41.4 44.1 45.0 45.2 45.6 46.1 46.3 46.3 <u>GE 60001</u> 15.6 28.7 41.6 42.A 44.3 44. 3 45.2 45.4 45.6 45.9 96.2 96.2 97.8 5000 79.3 93.5 94.9 94.9 86.2 92.2 95.8 96.0 96.6 96.9 45001 86.2 92.2 94.9 95.8 96.6 96.7 96.0 96.9 96.2 96.6 68 98.5 80.0 94.7 96.2 87.1 96.4 80.0 96.4 97.8 98.4 98.5 98.0 98.4 98.7 98.7 GΕ 30001 80.0 95.6 98.2 25001 80.0 98.7 98.9 A7.3 94.4 95.8 97.3 98.4 98.9 99.3 94.6 99.5 99.8 96.0 98.5 99.1 99.6 99.8 99.5 87.5 99.6 GF TRUDI A0.2 96.0 97.5 07.E 98.5 98.9 99.1 99.1 99.5 87.5 94.6 1500 80.2 96.0 98.5 99.1 99.1 99.5 99.6 99.8 99.8 9A . 5 12001 80.7 04.0 00.5 10001 R0.2 87.5 87.5 94.6 96.0 97.5 98.5 98.9 99.1 99.1 99.5 99.5 99.6 99.8 99.8 94.6 96.0 98.9 99.5 99 . R 99.8 TiF 7001 87.5 99.5 00.6 46.7 BD. 2 96.0 97.5 97.5 94.5 98.9 99.1 99.1 90.5 90.2 97.5 99.1 99.5 96.0 98.5 98.9 99.1 99.5 99.6 99.6 99.8 COUL 30.2 87.5 96.0 97.6 98. 99.6 100.0 80.2 99.6 रतल 97.5 94.6 99.1 100.0 96.0 97.6 97.6 98.7 99.3 99.1 99.6 99.8 87.5 87.5 97.6 4001 3001 80.2 94.6 97.6 99.1 99.6 99.8 96.0 98.7 99.3 99.3 99.6 100.0 100.0 1.5 00.2 96.0 97.6 99.1 99.6 96.0 99.3 99.6 99.6 100.0 100.0 1001 37.5 75.6 59.1 **AU. 2** 96.0 97.6 97.6 98.7 00.1 60.6 100.0 40.2

TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: FEB HOURS (LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS GE GE 6E 32 FEET I 40 90 80 60 NO CETL 39.5 40.4 40.8 40.8 47.5 30.1 34.6 40.4 40.4 40.8 40.8 40.8 41.1 41.1 41.1 DE SUDUU 30.6 42.9 43.1 45.1 44.0 44.0 44.0 44.0 44.0 44.4 44.4 36.6 42.0 44.0 GE 16000 36.6 43.1 43.3 43.1 44.0 44.0 30.6 42.0 44.0 44.0 44.0 44.4 44.4 44.6 42.2 43.1 44.2 44.2 44.2 44.2 44.2 44.6 44.6 44.2 44.2 GE 14000 36.8 43.3 94.6 44.7 30.8 44.7 44.7 68 100001 45.5 31.7 45.5 46.7 46.7 46.7 38.8 44.4 45.3 46.4 46.4 46.4 46.4 46.4 46.4 9000 I 32.4 40.2 46.7 48.2 50.0 50.0 50.0 49.6 49.6 70001 48.7 49.6 50.2 49.6 41.8 50.2 50.2 49.1 50.2 50.5 79.0 5000 87.5 95.3 95.3 95.7 95.7 93.3 95.3 95.3 95.3 95.7 94.2 94.4 95.3 95.5 95.5 4000 79.0 87.5 93.5 94.4 96.0 95.5 95.5 95.5 96.9 95.8 95.8 96.0 96.9 96.9 96.9 GE 35001 91.6 98.7 80.3 98.2 98.2 98.2 99.1 99.1 99.1 2500 80.3 89.7 97.1 99.0 98.2 99.1 99.1 99.1 99.1 99.1 99.5 99.5 99.5 19001 97.1 98.0 99.1 99.1 99.5 99.5 AD. 3 89.7 TE 99.1 15001 80.3 A0.3 89.7 98.0 98.2 99.1 99.1 GE 99.1 99.1 90.3 99.1 99.1 98.2 98.2 98.2 99.1 99.5 TOUR 98.0 98.2 99.1 99.1 99.1 99.5 99.5 1000 99.1 99.1 99.5 89.7 97.1 99.1 GE. 90.3 98.0 99.6 98.2 98.2 99.6 60.3 89.7 97.1 97.3 98.2 6001 5A.A 100.0 TIF 100.0 99.6 7.00 AO. 3 A9.7 97.1 5A . 6 98.6 99.6 99.6 99.4 99.6 99.6 100.0 100.0 100.0 1001 80.3 90.3 97.3 98.6 98.6 99.6 99.6 99.6 99.6 89.7 98.6 100.0 100.0 100.0 94.2 99.6 100.0 100.0 2001 99.6 99.6 99.6 89.7 96.6 99.6 AD. 3 97.3 99.2 9£.6 94.4 90.6 100.0 100.0 100.0 100.0 100.0

Company of Action

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TOTAL NUMBER OF UBSERVATIONS:

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GLOBAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RITARH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: FER HOURS(LST): 0600-0800 CELLING VISIBILITY IN HUNDREDS OF METERS υŧ ĞĒ GE GF ĞĒ GE ĞĒ GÉ GE 24 GE ĠĒ GĒ ĞE GΕ GE FEET HO CETE | 28.4 44.5 55.1 56.6 58.0 59.0 58.9 59.2 59.2 59.0 59.4 50.0 50.6 59.8 59.8 29.8 JE ZONUN 50.8 62.4 62.4 64.9 65.2 65.2 48.9 63.8 63.8 65.1 65.2 65.2 65.6 65.4 65.4 65.8 65.8 100001 30 49.1 61.0 64.0 65.6 65.6 65.8 66.0 66.1 66.1 29.8 64.0 65.4 65.8 GL 140001 29.8 30.1 61.5 65.6 66.0 66.1 66.1 65 10000 31.6 31.9 33.3 52.1 53.4 55.9 66.3 67.9 71.1 67.9 69.5 73.0 69.3 71.1 74.6 69.5 71.3 74.8 69.7 71.5 75.0 69.7 71.5 75.0 69.9 71.6 75.2 70.0 71.8 75.4 64.9 67.9 69.1 70.9 69.5 70.0 GE 90001 69.7 69.5 73.0 71.3 71.8 74.8 74.5 7000 69.9 70.0 74.8 75.2 SE GRUNI 71.5 G F. Soun 53.4 A9.9 95.0 95.4 95.7 97.2 95.6 95.9 97.3 95.6 76.1 91.3 93.3 93.3 94.9 95.0 95.2 94.7 95.2 95.9 4500 53.4 76.1 90.1 91.7 93.6 95.6 95.6 40001 GE 96.6 91.5 95.0 96.5 96.8 96.8 3500 95.4 96.5 98.2 98.4 98.8 G F. 25001 54.3 17.7 92.9 94.5 96.5 96.5 97.9 98.2 98.0 98.2 98.4 98.8 98.8 98.4 98.6 98.9 98.9 98.8 99.1 98.8 2000) 1800] 93.3 94.9 96.8 96.8 98.2 98.8 98.6 98.6 97.0 97.0 97.0 1500 98.4 98.6 12011 93.4 95.0 77.7 54.3 54.3 95.0 97.0 Tout 93.4 97.0 QA. 4 98.6 98.8 OR.A 98.9 98.9 99.1 08.0 99.3 99.3 GE 99.1 99.3 93.4 95.0 97.0 97.0 98.6 98.8 9001 98.9 ורטק 54.3 98.6 99.3 99.5 99.5 700 l 1003 99.6 99.6 100.0 100.0 1007 54.3 77.7 93.8 95.4 97.7 97.7 99.5 99.6 GE 99.1 99.3 99.5 99.6 99.8 100.0 100.0 400 l 54.3 99.5 99.6 99.8 100.0 100.0 GE 200 100.0 95.4 99.5 99.6 99.8 100.0 100.0 93.6 95.4 97.7 99.5 99.6 99.8 100.0 100.0 TOTAL NUMPER OF OBSERVATIONS:

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GLORAL CLIMATOLOGY GRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARAPIA PERIOD OF RECORD: 77-84 MONTH: FEB HOURS (LST): 0900-1100 EILLING VISIBILITY IN HUNDREDS OF METERS
ÎN 61 GE GE GE GE GE GE GE GE G€ GE GE GE GF 60 40 24 160 90 32 20 12 10 13.5 29.7 59.4 NO CEIL I 53.3 59.4 46.5 56.1 56.4 58.9 59.2 59.4 59.4 59.5 59.5 33.8 GE 20000 14.5 53.0 60.4 63.1 63.5 65.9 66.2 66.4 66.4 66.4 66.4 66.6 66.6 66.6 53.2 66.9 66.9 GE 18000 60.7 56.9 67.0 66.4 66.7 66.9 GE 16000 33.9 60.8 63.9 66.9 67.0 67.0 67.0 67.2 67.2 66.9 63.6 GE 12000 15.0 61.7 67.9 72.9 GE 10000 68.8 69.2 72.3 16.2 72.6 72.8 72.8 72.9 72.9 16.5 37.7 57.7 65.7 72.8 72.8 6E 90001 76.7 76.7 76.6 76.7 76.7 72.4 79.4 42.7 64.3 75.7 76.0 40.1 80.1 60.1 7000 65.3 76.8 80.5 80.9 18.6 76.5 80.3 80.6 80.6 60.8 60.8 80.9 80.9 6000 18.6 80.4 80.8 5000 91.5 91.8 95.6 95.8 95.8 95.8 95.8 96.7 95.8 33.4 57.9 90.1 95.3 95.8 95.9 95.9 95.9 45001 95.9 80.1 95.3 95.9 95.9 33.4 88.3 95.8 4000 58.6 8Q.9 92.5 92.8 94.6 3500 96.7 58.6 80.5 30001 A2.9 25001 82.9 95.4 34.6 95.1 98.9 99.3 99.5 99.5 99.7 99.7 99.7 99.2 2000 34.6 60.2 91.4 95.3 98.9 GF 18001 P 3 . II 95.6 99.5 99.5 99.1 99.7 99.8 99.8 99.8 99.5 99.1 99.8 99.8 15001 34.6 83.U 99.0 99.5 99.8 60.4 99.7 17001 34.6 95.3 10001 60.4 93.0 91.4 95.6 99.3 99.5 99.1 91.4 95.6 99.7 9001 93.0 99.0 99.3 99.5 99.8 60.4 95.3 99.5 99.7 99.8 800 34.6 60.4 75.4 95.8 99.2 99.5 99. 99.8 100.0 100.0 100.0 700 34.6 60.4 99.2 99.7 99.7 99.8 100.0 100.0 100.0 600 99.5 99.5 SUNT 95.8 99.7 100.0 9001 60.4 91.5 95.4 99.8 100.0 100.0 100.0 300 95.4 99.2 79. 2001 34.6 99.8 GE 60.4 83.2 91.5 95.4 99.2 99.5 99.7 99.7 99.8 100.0 100.0 100.0 1001 91.5 100.0 91.5 95.4 34.6 60.4 93.2 95.8 99.2 99.5 99.7 99.7 99.8 99.8 100.0 100.0 100.0 *********************************

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TOTAL NUMBER OF OBSERVATIONS: A13

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY QUSERVATIONS ATR REATHER SERVICE/MAC PERIOD OF RECORD: 77-84
MONTH: FEB HOURS(LS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARAPIA HOURS(LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CEILING GE GĒ GÈ GF GΕ IN GE ĞE GE GE GE GE FEET FEET | 160 90 8.0 60 40 32 24 20 10 0 48 12 16 NO CETE I 20.6 34.6 46.6 50.2 53.1 53.3 54.4 54.7 54.7 54.7 54.7 54.7 54.7 54.7 23.2 38.4 55.4 58.7 60.3 GE 20000 52.2 58.9 60.0 60.3 60.3 60.3 60.3 60.3 60.3 60.3 0E 180001 52.8 52.8 61.1 61.1 $\frac{23.7}{23.7}$ 38.9 38.9 56.5 60.6 61.D 61.1 61.1 61.1 61.1 61.1 59.5 56.5 59.4 60.6 61.0 61.1 61.1 GE 140001 23.7 38.9 52.8 60.6 61.6 60.0 60.2 56.2 57.3 63.0 GE 10000 60.0 63.2 64.8 65.0 65.0 65.0 65.0 65.0 65.0 65.0 6E 9000) 42.6 61.1 64.2 64.3 65.6 69.3 66.1 66.1 69.4 66.1 66.1 66.1 69.0 28.0 60.3 69.4 69.4 69.4 69.4 28.2 28.2 67.4 67.5 69.1 69.4 69.6 69.6 UΕ 70001 45.6 60.5 64.3 68.8 69.6 69.6 69.6 60001 45.6 86.1 86.1 87.4 53.8 71.2 93.0 93.1 94.4 94.7 95.2 95.2 5000 89.9 95.0 95.2 95.2 95.2 GΕ 95.D 95.2 95.2 4500 89.9 95.2 95.2 4000 72.0 94.4 96.6 95.0 GE 35001 72.3 97.8 91.8 94.5 96.3 96.6 97.0 97.1 99.0 3000 55.2 96.8 99.0 25001 55.2 97.0 97.8 99.0 73.4 89.6 93.8 96.8 98.2 98.6 98.9 99.0 99.0 99.0 99.0 (, F 2000 l 55.7 73.9 90.1 94.2 97.4 99.2 99.5 100.0 100.0 100.0 100.0 100.0 100.0 97.8 99.8 100.0 100.0 97.4 97.8 99.5 100.0 15001 55.7 73.9 90.1 94.2 99.2 99.8 100.0 100.0 100.0 100.0 100.0 17001 100.0 1000 100.D 55.7 55.7 73.9 97.4 97.8 97.8 GF 9001 90.1 94.2 99.2 99.5 99.8 100.0 100.0 100.0 100.0 100.0 100.0 вопі 90.1 100.0 100.0 100.0 100.0 7001 55.7 90.1 94.2 97.4 97.8 99.2 99.5 99.8 100.0 100.0 100.0 100.0 100.0 100.0 94.2 97.4 100.0 100.0 100.0 100.0 90.1 100.0 73.9 73.9 100.0 GF 9001 70.1 94.7 97.R 99.2 99.5 99.8 100.0 100.0 100.0 100.0 100.0 3001 70.1 94.2 100.0 CE 100.0 100.0 100.0 55.7 99.8 6E 2001 73.9 20.1 94.2 97.4 97.8 99.2 99.5 100.0 100.0 100.0 100.0 100.0 100.0 90.1 σĒ 1001 73.9 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 90.1 TOTAL NUMBER OF OBSERVATIONS: 625

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GLOBAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/MAC PERIOD OF RECORD: 77-84
MONTH: FEB HOURS(LS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARARIA HOURS(LST): 1500-1700 CEILING DS OF METERS VISIBILITY IN HUNDREDS GE GΕ GΕ FEET | 160 80 3 2 20 90 60 48 40 24 16 10 12 35.5 42.2 NO CEIL • 2 25.2 43.3 44.3 44.3 45.0 46.0 46.0 46.0 46.0 46.0 46.0 46.D 46.0 GE 16000 52.2 53.8 54.8 55.2 55.2 55.2 30.0 55.2 30.3 30.3 $\frac{43.5}{43.5}$ 51.2 52.5 52.5 53.5 53.5 54 · 2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.2 55.5 55.5 55.5 55.5 \$5.5 55.5 GE 140001 30.3 43.5 53.5 53.5 54.2 GE 10000 32 . A 47.3 56.2 59.0 59.0 59.0 59.7 60.7 60.7 60.7 60.7 61.0 61.0 61.0 61.0 9000] 33.5 48.0 50.7 59.3 6U.3 63.7 61.0 65.7 62.0 62.0 62.3 ξĒ 60.5 65 . 7 66.3 66.3 66.3 51.0 51.0 G.F 7000 60.8 62.8 64.0 64.0 64.1 66.0 ΰĒ 6กับกิโ 60.8 62.8 64.0 64.0 66.0 66.0 66.N 66.2 66.7 66.7 94.8 5000 91.7 93.7 94.8 95.5 6E 66.2 81.8 96.8 96.8 96.9 97.0 97.5 97.5 97.5 97.5 94.8 66.5 96.8 68 45001 . 2 . 7 81.8 95.5 96.8 97.0 97.5 4000 82.3 92.2 95.5 97.5 96.2 97.5 98.0 98.5 98.5 98.5 98.5 3500 66.5 93.0 95.1 96.3 97.0 98.3 96.3 98.3 99.3 99.3 99.3 99.3 95.2 € E 2500 82.7 93.0 97.0 98.3 98.3 98.3 98.8 99.3 99.3 66.5 96.3 96.3 99.3 99.1 GE acun i 67.2 83.3 93.7 95.8 97.0 97.0 97.7 99.0 99.0 99.5 100.0 100.0 00.0 1800 97.0 97.7 99.0 100.0 100.0 100.0 100.0 93.7 95.8 95.8 97.0 97.7 G. וממינ 97.0 100.0 100.0 ĞĒ 12001 97.0 97.7 99.0 99.0 99.0 99.5 100.0 100.0 100.0 97.0 97.0 īcunī 95.8 97.0 97.7 97.7 67.2 83.5 93.1 99.0 99.0 99.0 99.0 99.0 99.0 99.5 100.0 100.0 100.0 100.0 99.0 99.0 99.0 99.5 99.5 99.5 100° 67.2 83.3 93.7 95.8 97.0 100.0 . 2 . 2 100.0 100.0 100.0 100.0 100.0 760 100.0 100.0 100.0 97.0 EUDI 99.0 99.0 99.1 100.0 100.0 100.0 100.0 5001 95.8 97.0 83.5 97.0 97.7 99.0 99.5 100.0 SE 93.7 99.(1 100.0 100.0 67.2 99.0 100.0 400 300 83.3 93.7 95.9 97.0 67.2 97.0 99.0 SE GE 99.0 100.0 100.0 100.0 97.7 99.0 99.0 99.0 99.5 100.0 100.0 100.0 100.0 GΕ 100.0 100.0 TOTT 97.0 97.7 99.0 99.0 99.0 100.0 100.0 97.4 97.0 97.1 95.1 99.0 99.5 100.0 100.0 100.0 100.0 TOTAL MIMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVARH SAUDI APAPIA MONTH: FEB HOURS(LST): 1800-2000 VISTBILITY IN HUNDREDS OF METERS GF 90 GE 40 Ğ**€** 32 5E 24 5E 20 FEET 1 160 80 ัดม 12 10 48 NO CETL T 23.6 34.0 42.3 43.3 43.5 43.5 45.1 45.2 45.2 45.7 20000 39.8 49.0 50.3 50.5 52.2 GE 180001 26.6 26.6 40.3 49.5 50.9 51.0 51.0 52.0 52.6 52.6 52.7 52.7 52.7 52.7 52.9 52.9 52.9 40.3 26.6 52.7 GE 140001 40.3 50.9 51.0 GF 12000T 50.0 GF. LUDUN 57.3 57.8 53.4 56.5 57.0 57.2 57.8 57.8 GE 90001 29.0 56.5 58.9 60.2 61.1 61.3 61.4 61.9 7000 30 . . 46.4 57.0 58.7 59.0 57.4 60001 30.4 95.2 97.3 98.5 GΕ 45001 66.4 82.6 93.2 94.9 95.2 96.4 97.4 97.4 98.1 98.1 98.1 4000 97.3 30 30 83.3 95.7 99.5 99.0 35001 94.0 96.1 96.1 98.1 98.3 98.3 98.5 98.5 99.0 30001 98.8 25001 20001 94.5 99.0 99.3 83.6 96.6 96.9 98.1 99.0 99.8 TECCI 94.9 GΕ iroct 67.4 83.6 98.3 99.1 96.6 96.9 96.9 99.3 99.3 99.5 99.5 100.0 100.0 100.0 17001 100.0 94.9 ٥E 9001 67.4 83.6 99.1 99.5 94.9 96.6 96.9 96.9 98.3 99.5 99.3 99.5 100.0 100.0 100.0 GF. PUTT 100.0 100.0 7001 67.4 83.6 94.9 96.6 96.9 96.9 98.3 99.1 99.3 99.3 99.5 99.5 100.0 100.0 100.0 50 100.0 con. 83.€ 74.9 96.6 99.3 99.3 99.5 100.0 100.0 96.9 98.3 99.5 99.1 100.0 100.0 GF GF 4001 3001 67.4 83.6 53.6 94.9 96.9 96.9 100.0 UE 2401 04.9 96.9 98. 1 99.1 99.1 99. 1 99.5 99.5 100.0 100.0 TOOL 96.6 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMPER OF ORSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: FEB HOURS(LST): 2100-2300 NG VISIBILITY IN HUNDREDS OF METERS CEILING ********************************* GE GE GE GE IN | 61 FEET | 160 GE G€ GE GE GE GE ĞE 90 90 60 40 10 NO CETL 27.8 39.3 44.5 45.0 43.3 45.0 45.9 46.0 46.0 46.0 46.0 46.0 46.0 46.0 46.2 GE 200001 29.8 40.6 45.9 47.0 47.6 47.6 48.6 48.6 48.6 48.4 98.6 48.6 48.6 48.6 48.7 GE 18000 29.8 41.0 41.0 46.2 47.4 47.9 48.9 48.7 48.9 48.9 48.9 49.1 47.9 48.9 98.9 48.9 48.9 48.9 48.9 48.9 49.1 GE 140001 29.8 30.0 41.0 46.2 48.7 48.9 48.9 48.9 43.9 48.9 48.9 49.1 30.7 42.8 43.5 45.7 49.6 50.4 50.3 51.1 54.5 51.3 52.1 55.5 SE 100001 48.4 51.1 50.3 51.3 51.3 51.3 51.3 51.4 51.4 51.6 GE 90001 54.5 52.1 55.5 55.5 52.1 55.5 52.1 52.3 52.3 55.6 52.4 52.4 55.3 32.9 53.8 55.5 55.6 55.8 54.6 54.0 54.6 55.5 55.6 55.6 55.6 55.6 <u>8 • 5</u> د • 55 55.6 55.8 56.0 45.9 GE 60001 33.1 54.6 50001 45001 40001 75.4 96.3 97.D 97.0 97.3 98.0 98.0 98.3 88.2 97.D 98.0 98.0 GF 94.9 97.8 98.0 98.D 98.0 98.1 98.1 98.3 88.2 97.0 75.5 96.3 97.8 98.3 98.0 98.0 98.7 98.1 98.1 96.6 96.8 97.1 GF. 95.3 98.1 75.7 88.7 98.5 98.5 95.4 98.5 98.7 98.8 97.A GE 10001 97.R 98.7 98. 25001 89.0 89.2 89.2 95.8 97.1 ßΕ 76.1 97.8 98.3 97.8 98.7 98.8 98.8 98.8 98.8 98.8 99.0 99.D 99.2 76.2 96.3 99.3 99.5 99.7 GE 1500 96.3 97.6 98.3 99.2 99.3 99.3 99.3 99.3 99.3 99.5 99.5 98.3 99.7 99.8 GF 12001 98.5 99.3 99.5 99. 99.5 10001 98.5 99.7 76.4 89.4 96.5 97.8 98.5 99.3 99.5 99.5 99.5 99.5 99.8 89.4 98.5 98.5 99.5 99.5 99.5 99.5 99.7 99.7 99.8 GF AUDI 76.4 96.5 97.8 98.5 98.5 98.5 99.3 99.5 99.5 99.5 99.5 99.7 99.5 99.7 99.8 99.5 605t G.E 89.5 96.6 99.0 98.7 00. 76.6 99.0 98.7 99.7 99.7 99.8 89.5 99.8 94.0 99.8 100.0 <u>ce</u> 367) 2671 99.7 99.7 76.6 96.6 98.0 98.7 98.7 99.5 99.7 100.0 96.6 99.7 98.7 98.1 99.7 99.8 99.8 100.0 89.5 99.5 GE TOOT 76.6 96.6 98.0 98.7 98.7 76.6 A9.5 96.6 98.0 98.7 98.7 99.5 99.7 99.7 99.7 99.7 99.8 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PFRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HONTH: FEB HOURS (LST): ILING VISIBILITY IN HUNDREDS OF METERS TN GE GE GĒ GE 32 GE IN FEET 60 160 90 80 48 40 24 20 16 12 10 NO CETL 1 .0 24.1 35.0 43.7 45.0 47.2 GE 20000 26.1 39.0 51.1 52.4 52.5 54.0 54.0 54.1 54.1 48.8 53.6 53.9 54.3 54.3 54.4 GE 180UC .0 26.3 39.2 49.1 52.8 52.8 54.3 54,4 54,4 54.4 54.5 54.5 54.7 54.7 54.7 SE 160001 26.3 52.8 54.0 54.5 GE 14000 52.8 52.A 54.5 54.8 54.5 54.6 26.3 49.1 54.4 54.4 GE 120001 39.6 49.6 55.2 55.3 GE 1000F 27.8 28.7 29.9 52.5 55.1 56.5 56.6 58.3 58.3 58.4 58.4 58.2 58.6 58.6 58.7 90001 ĢΕ .0 43.4 56.8 58.2 58.3 59.5 59.9 60.0 60.0 60.1 60.1 63.3 63.4 GE 80001 63.0 63.4 70001 . 0 30.1 45.7 57.1 61.3 61.3 63.1 63.6 63.7 60001 30.1 63.5 63.5 63.8 62.9 90.0 92.7 94.2 94.3 95.6 96.1 96.2 96.3 96.2 96.4 96.6 96.6 96.6 96.1 97.2 45001 . 0 62.9 78.7 90.1 92.A 94.3 95.4 95.7 96.3 96.5 96.7 10 40001 63.5 79.4 91.1 19.5 95.7 97.6 97.6 97.8 ΰE 35001 63.5 91.1 94.1 95.6 97.0 97.5 97.8 98.1 30001 99.2 2500 92.4 96.9 98.2 98.7 98.8 98.8 99.0 99.1 99.3 99.3 99.3 GΕ . 0 64.1 80.4 92.7 95.5 95.5 97.1 97.2 98.6 99.1 99. 60 170071 10021 64.1 98.6 99.1 99.4 99.5 99.7 99.7 99.7 GF. .0 64.1 80.4 92.8 95.6 97.2 97.3 98.7 99.1 00.1 99.3 99.5 99.5 99.8 64.1 97.2 97.3 99.1 99.3 99.3 98.7 99.5 99.5 99.7 99.8 99.8 9001 • 0 64.1 80.4 92.8 95.6 97.2 98.7 99.1 99.5 GF 92.8 98.6 99.5 99.8 90.9 95.6 97.4 GE 7001 . n 64.1 80.4 92.6 07. 1 98.8 99.3 99.6 ĞĒ 1508 80.4 97.5 99.5 99.9 100.0 92.9 99.5 80.4 97.4 97.5 98.9 99.4 99.5 99.7 99.7 99.9 100.0 100.0 400 l GE • 0 64.1 80.4 80.4 92.9 95.7 95.7 97.4 99.7 99.7 99.9 100.0 100.0 99.5 98.9 99.5 2001 64.1 80.4 99.7 99.7 1001 100.0 100.0 · n 64.1 87.4 92.9 95.7 97.4 97.5 99.4 99.5 99.5 98.9 99.7 99.7 99.9 100.0 100.0 *********** TOTAL NUMBER OF OBSERVATIONS: 4684

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GLOBAL CLIMATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: REVAUN SAUDE ARABIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS(LST): 0000-0200 VISIBILITY IN HUNDREDS OF METERS GE ĞĒ GE GE GÉ GE 32 GE 24 GE GE GE GE 6E 40 10 NO CETE T 21.4 27.5 32.5 33.5 35.1 35.1 35.7 35.9 35.9 35.9 35.9 35.9 36 . D 36.0 36.0 GF 2000C 22.5 29.2 34.3 35.4 37.3 37.3 37.9 38.6 34.3 TA . 3 38.3 38.3 38.4 38.6 38.6 GE 180001 GE 160001 37.9 37.9 38.6 35.4 38.3 38.6 38.6 $-\frac{29 \cdot 2}{29 \cdot 2}$ 34.3 37.3 37.3 38.3 38.3 38.3 38.4 37.9 GE 140001 39.3 29.2 38.3 38.4 38.6 38.6 39.0 CE LUCUOI 24.4 31.9 38.1 39.4 41.3 41.3 41.9 42.2 42.2 42.2 42.2 42.4 42.5 42.5 42.5 GE 90001 26.5 30.5 - 34 · 3 40.6 44.8 45.9 52.1 45.9 52.1 46.5 50.3 51.0 51.6 48.1 50.3 51.6 51.6 51.7 51.9 7000 39.0 47.0 50.3 52.1 30.5 52.2 60001 30.5 39.5 50.8 50.8 51.4 52.1 52.1 5000 | 4500 | 4000 | 93.5 94.8 94.8 94.8 94.9 r. e 12.2 91.3 93.5 94.1 95.1 95.2 95.2 95.2 91.4 82.2 89.8 95.2 95.4 95.4 GΕ 73.2 95.4 ĞĒ 91.3 95.1 95.1 95.7 96.3 96.3 96.5 35001 97.0 93.0 96.7 96.8 96.8 ĞĒ 30061 96.8 93.3 93.3 25071 97.3 97.9 99.0 GE 20001 84.8 98.6 98.7 98.7 94.9 99.4 TRORY 75.1 84.8 97.1 97.3 97.9 98.7 98.1 98.9 99.0 99.4 99.4 99.0 99.4 15001 84.8 93.3 94.9 97.3 98.6 98.7 98.9 99.4 GE 97.3 98 - 7 12001 10001 73.3 97.3 98.7 900 i 75 · 1 97.8 99.2 99.5 99.8 94.9 97.8 98.4 99.0 99.2 99.6 99.8 ROTI 93.3 97.8 98.4 99.8 GE 7001 94.9 97.8 99.0 99. 99.2 99.4 99.5 99.8 99.8 6041 Sun I 99.2 93.3 94.9 98.4 99.0 99.8 99.8 99.2 99.4 99.4 99.7 100.0 100.0 4001 98.6 3001 2001 84.8 93.5 95.1 97.9 97.9 98.6 99.7 99.4 99.4 99.5 99.7 100.0 100.0 100.0 σĒ Tuni 100.0 75.1 84.8 95.1 97.9 99.5 99.7 100.0 100.0 100.0 97.9 98.6 TOTAL NUMBER OF DASERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84

MONTH: MAR HOURS(LST): 0300-0500 CETLING GE ĢΕ GE GE GE GE GE GΕ GE GE GE 80 60 40 48 12 10 0 NO CEIL 32.3 25.6 36.1 37.5 38.2 38.2 38.6 39.0 39.0 39.0 39.0 39.0 39.1 39.1 39.1 GE 20000 33.4 37.4 26.7 38.8 40.2 40.2 40.7 41.0 41.0 41.0 41.0 41.0 41.2 41.2 GE 18000 26.7 40.2 41.2 41.2 40.2 40.7 41.0 41.0 41.0 41.0 41.2 33.4 40.7 26.7 37.4 38.8 40.2 41.0 40.4 40.4 40.9 GE 12000 34.2 39.6 42.0 44.6 GE 100001 29.7 37.1 43.2 45.1 45.4 45.6 45.6 45.6 45.6 45.7 45.7 GE 90001 43.5 54.4 54.9 48.7 55.0 48.7 55.0 48.9 55.2 35.6 44.5 51.6 53.3 53.3 7000 45.1 50.0 53.9 55.0 55.5 55.7 55.7 55.7 55.8 36.1 52.2 53.9 6000 36.1 50.0 GF Sanni 76.2 85.2 95.9 90.2 94.2 95.3 96.1 96.1 90.2 94.2 94.2 95.7 94.1 95.9 4500 95.3 95.9 96.1 96.1 96.1 76.2 85.2 95.9 GF 40001 77.A 92.1 98.1 3500 96.1 96.1 97.5 98.1 98.1 98.1 98.3 98.3 LF 3000 78.1 87.4 87.4 87.4 25001 78.1 92.7 98.9 96.7 98.9 99.1 99.1 99.1 99.1 99.1 99.1 95.0 96.7 96.7 98.1 98.7 99.1 99.1 99.2 99.2 99.2 GF 18051 7A. 1 92.7 95.0 96.7 1500 95.0 96.7 98.1 99.1 78.1 87.4 92.7 96 . 7 99.1 99.1 99.2 99.2 98.7 99. ŪΕ 1200 78.1 1000 9001 GE 78.1 87.4 92.7 95.0 96.7 99.1 99.1 99.2 99.2 96.7 98.1 98.7 99.1 99.1 99.2 C.F 78.3 87.4 92.7 99.1 7001 95.0 96.8 96.8 98.5 99.4 87.4 92.7 99.1 99.4 99.4 99.4 99.5 99.5 ... 600 500 95.0 98.6 99.7 99.7 99.7 99.7 99.4 99.8 99.8 99.8 SE 4001 3011 2001 99.7 100.0 GE 78.1 87.4 92.7 95.0 97.2 97.2 98.6 99.4 99.7 99.7 GE TUTT 95.() 92.7 98.6 99.7 99.7 100.0 100.0 100.0 ************************************ TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS(LST): 0600-0800 VISIBILITY IN HUNDREDS OF METERS
GE GE GE GE GE GE CEILING IN FEET 61 GF ĞE 6.F GE GE GF GE GΕ ĞF 32 160 80 24 60 40 20 12 10 16 NO CETE I 19.3 32.8 45.D 41.8 44.1 45.0 46.1 47.1 47.2 47.4 48.3 48.8 49.0 49.1 49.1 53.2 36.6 36.6 54.7 54.8 56.9 57.1 57.5 52.1 53.2 55.8 57.4 57.7 57.7 GE 200001 20.9 48.7 55.6 55.9 52.3 53.4 53.4 53.6 GE 18000 48.7 53.4 55.8 55.8 55.9 55.9 56.1 56.1 57.5 57.7 57.0 57.0 57.8 57.1 48.7 54.8 57.7 57.8 GE 160001 20.9 57.5 GE 14007 48.6 53.6 55.9 56.3 58.0 56.1 58.0 GE 12000 49.6 54.2 6E 100001 58.3 59.6 59.6 61.0 63.4 63.9 64.0 64.2 62.1 62.3 62.4 9000 43.1 61.0 70.5 73.4 67.0 73.9 74.2 GE 25.8 56.7 67.2 67.4 និក្សាក 68.9 7000 28.7 63.1 67.7 69.4 69.4 72.6 72.7 73.9 74.3 74.5 74.6 74,6 74.0 5000 48.3 89.2 89.2 90.8 92.2 92.4 93.7 94.3 94.5 94.5 94.5 96.8 97.0 4500 48.3 91.6 90.6 92.2 94.1 96.7 94.5 4000 89.5 91.6 93.2 96.4 95.1 3500 84.6 85.7 91.0 91.8 93.3 96.2 96.8 GE 49.8 69.3 94.8 96.7 97.0 93.0 98.4 2500 93.2 93.2 96.5 98.6 97.8 98.6 95.2 98.1 GΕ 20001 50.1 69.7 86.2 96.1 97.0 98.9 98.9 1800 50.1 96.7 .6. 95.2 96.7 96.8 15001 50.1 69.7 1000 91.6 95.4 50.2 93.7 97.0 97.1 97.3 98.4 98.9 99.B 99.2 GE 96.4 95.4 97.0 97.1 98.4 98.9 99.2 99.2 9001 50.2 69.9 91.6 93.7 93.7 99.0 93.7 700 86.4 86.4 95.4 99.2 7un l 50.2 91.6 91.7 93.7 97.0 97.1 97.1 98.6 99.0 99.4 ... 6071 94.0 50.2 69.9 86.4 91.6 94.0 94.0 95.7 97.5 97.6 97.9 98.9 99.5 99.7 99.8 99.8 95.7 99.8 6 E 4001 50.2 69.9 86.4 91.6 94.0 94.0 97.5 97.6 97.8 98.9 99.5 99.7 99.8 300 69.9 94 . D 98.9 99.5 2001 50.2 69.9 94.0 94.0 95.7 97.5 97.6 97.8 94.9 99.5 99.1 99.8 1001 100.0 94.6 95.7 99.0 99.8 100.0 100.0 69.9 Ab . 4 91.6 94.0 97.8 97.9 99.7 97.6 TOTAL NUMBER OF ORSERVATIONS: 631

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GLOGAL CLIMATOLOGY PRINCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY USAFLTAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE /MAC STATICH NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS(LST): 0900-1100 U VISIBILITY IN HUNDREDS OF METERS GE GE ьC GE FLET 160 20 QΩ 53.1 53.3 53.4 53.7 NO CEIL 13.6 28.0 43.5 50.5 53.7 53.7 53.7 46.4 49.2 49.2 52.2 GE 200001 GE 180001 GE 160001 55.6 55.7 55.7 33.1 51.2 58.6 58.6 62.8 63.3 63.3 63.3 15.7 60.1 61.8 62.7 63.3 63.0 33.1 51.4 60 . 63.4 63.4 58.8 63.0 15.7 60.2 62.0 62.8 63.4 63.4 GE 140001 16.0 SE 100001 35.7 68.7 17.0 55.7 60.5 63.9 63.9 65.6 67.8 69.8 68.9 69.2 69.2 69.2 69.2 GE 90001 66.D 67.9 77.9 36.3 73.0 62.8 69.1 18.4 79.5 60001 79.0 55.9 50001 34.4 89.1 91.6 91.9 93.9 79.4 85.2 89.1 94.9 94.0 95.1 95.6 95.6 95.6 95.6 45001 34.7 56.2 85.5 89.4 91.4 94.3 95.2 95.4 95.6 95.9 95.9 95.9 81.0 3500 3000 T 25001 20001 18001 58.3 99.0 99.3 99.3 GF 35.7 35.7 82.1 92.3 89.0 93.0 93.2 95.6 95.8 98.1 98.3 99.1 99.4 00 7 99.7 99.7 99.7 95.8 35.7 58.3 92.3 89.1 91.1 98. 100.0 100.0 100.0 100.0 100.0 12001 35.7 5A.3 82.3 89.1 93.2 93.3 95.8 98.3 100.0 100.0 100.0 10001 9001 1008 99.3 100.0 100.0 100.0 100.0 35.7 99.3 GE 58.3 **82.3** 87.1 41.5 93.3 95.8 98.3 99.4 99.7 100.0 100.0 100.0 100.0 89.1 100.0 100.0 100.0 GE 6001 35.7 58.3 93.2 95.8 98. 99.3 100.0 100.0 100.0 100.0 cont 89.1 93.2 93.2 93.2 93.3 93.3 99.3 100.0 100.0 A2.3 95.8 100.0 4001 98.3 100.0 100.0 100.0 100.0 58.3 GE 3001 35.7 A2.3 ß.T 93.3 95 A 98. 99.3 99.4 99.7 100.0 100.0 100.0 100.0 A2.3 100.0 89.1 100.0 58.7 1001 75.7 95.8 98. 7.00 00.7 100.0 100.0 100.0 100.0 58.3 93.2 98.3 99.3 100.0 100.0 100.0 100.0 TOTAL NUMBER OF URSERVATIONS: 689

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS (LST): 1200-1400 EILING VISIBILITY IN HUNDREDS OF METERS
IN GT GE GE GE GE GE GE GE GE 6F GE GE GE GE FEET 160 90 80 66 40 20 10 NO CETL I 19.3 32.8 42.7 40.4 46.0 46.9 46.9 46.9 46.9 46.9 46.9 46.9 47.1 GE 200001 20.6 38.0 48.4 50.8 52.9 53.1 54.4 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55.4 GE 16000 20.6 48.5 51.1 53.2 53.4 54.7 54.7 55.8 55.8 55.8 55.8 55.8 55.8 56.0 55.8 38.1 14000 20.6 21.U 55.8 55.8 56.7 55.8 56.0 GE 120001 GE 100001 57.7 60.6 63.3 70.2 52.5 57.8 59.4 60.6 60.6 60.6 63.3 22.3 41.0 55.4 60.6 60.6 60.7 90001 63.3 62.2 70.4 24.7 45.6 70.2 70.2 GĒ 80001 59.0 64.0 67.1 67.3 69.1 70.2 70.2 70.2 7000 64.2 69.2 70.4 70.4 70.4 70.4 70.4 70.4 70.4 70.5 GE 60001 45.6 64.2 69.2 70.4 70.5 GF 50001 70.9 92.5 92.5 94.5 95.7 95.7 95.7 95.7 95.7 49.9 84.5 89.5 92.8 95.7 95.7 95.7 95.7 95.8 70.9 92.8 95.7 95.7 95.7 95.7 95.7 95.8 97.0 GE 40001 51.4 86.8 91.9 95.0 95.3 98.1 98.1 98.1 98.1 98.1 98.3 73.5 86.9 98.3 98.3 98.3 98.4 30001 93.1 GF 96.1 98.1 25001 52.2 52.2 52.2 73.8 73.8 73.8 93.7 93.7 93.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GF 96.7 96.7 98.7 99.9 99.9 98.3 97.0 99.9 99.9 100.0 20001 98.3 99.9 100.0 ĞĒ 96.7 97.0 98.7 99.9 99.9 99.9 99.9 73.8 96.7 97.0 98.7 99.9 99.9 99.9 99.9 100.0 GE 1200 97.0 88.3 1000 52.2 52.2 73.8 93.7 98.7 99.9 99.9 99.9 100.0 99.9 99.9 99.9 100.0 99.9 99.9 6.1 BUOT 52.2 73.8 88.3 93.7 96.7 97.0 98.7 00.0 99.9 100.0 52.2 GE 86.3 98.7 99.9 99.9 100.0 99.0 6001 8 . I 91.7 97.0 90.0 99.9 97.0 97.0 Son 52.2 52.2 73.8 73.8 8 H . 3 98.7 99.9 99.9 100.0 96.7 99.9 99.9 99.9 99.9 100.0 99.9 99.9 97.0 98.7 99.9 99.9 99.9 99.9 99.9 GE 3001 52.2 73.8 88.3 93.7 96.7 100.0 200 88.3 99.9 93.7 96.7 100.0 GE 1001 52.2 73.8 88.3 93.7 97.0 99.9 99.9 f. F 52.2 73.6 88.3 93.7 96.7 97.0 98.7 99.9 99.9 99.9 99.9 TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM MOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVARH SAUDI ARAPIA PERIOD OF RECORD: 77-84 HONTH: HAR HOURS(LST): 1500-1700 VISIBILITY IN HUNDREDS OF METERS GE GE GE 16D 90 60 48 40 32 20 16 10 0 39.5 NO CETL I 23.7 30.6 36.3 37.2 39.5 39.7 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40.0 49.6 6E 20000 21.5 36.7 45.1 48.4 48.4 49.5 44.3 48.4 49.2 49.5 49.6 49.6 49.6 49.6 49.6 49.6 GE 16000 27.5 48.5 49.6 49.6 49.6 48.5 36.9 44.5 45.5 49.6 49.4 49.8 36.9 49.8 48.5 49.8 49.8 49.8 GE 12PUDI 45.2 46.3 49.4 50.2 50.5 50.5 50.6 50.6 50.6 50.6 50.6 49.7 48.9 53.5 55.1 6E 10000 30.6 57.4 53.5 55.4 55.4 57.7 GE 9000 56.2 58.1 58.1 58.1 64.6 64.7 36.4 48.6 59.5 61.1 64.3 65.6 66.0 66.0 66.1 66.4 59.8 7000 36.4 64.6 65.9 66.3 66.3 66.4 66.9 66.9 66.9 66.9 66.9 6000 60.U 66.0 67.0 5000 65.0 77.3 88.4 90.0 93.1 93.1 94.4 95.1 95.6 95.6 95.6 4500 65.0 88.4 90.0 94.6 95.4 95.6 95.6 95.6 95.6 98.0 4000 66.4 79.2 90.4 92.7 95.8 95.0 97.3 97.7 98.3 98.4 90.8 98.6 96.3 3500 66.9 96.3 98.9 98.3 30001 80.5 97.1 00 2500 80.5 97.1 94.D 94.0 99.4 67.7 98.6 98.7 99.3 100.0 100.0 80.5 100.0 100.0 Tenni AD.S 91.7 94.0 97.1 97.1 98.7 99.3 99.3 99.6 99.9 100.0 100.0 91.7 97.1 99.6 1500 94.0 98.7 99.3 99.3 99.9 100.0 67.7 80.5 100.0 100.0 100.0 80.5 97.1 97.1 99.3 99.6 1000 80.5 94.0 97.1 98. 99.3 100.0 100.0 100.0 91.7 94.0 98.7 99.3 99.9 6 E 9001 61.7 80.5 100.0 100.0 100.0 100.0 គបូក 80.5 97.1 99.6 100.0 100.0 7001 80.5 94.0 97.1 98.7 99.3 99.3 99.9 100.0 100.0 100.0 6001 500 99.6 99.6 97.1 98.7 99.3 99.3 99.9 100.0 100.0 100.0 100.0 91.7 94.0 98.7 99.3 100.0 100.0 4001 80.5 97.1 99.3 300 97.1 GΕ 2011 80.5 94.0 97.1 97.1 98.7 99.3 99.3 99.6 99.9 100.0 100.0 100.0 1001 94.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY RRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS (LST): 1800-2000 CEILING IN FEET GE 160 90 80 60 48 40 20 10 0 NO CEIL I 17.8 24.6 34.3 32.0 33.3 33.3 33.4 33.7 33.7 33.7 33.7 34.2 GE 200001 39.9 22.3 30.8 38.0 42.2 42.2 42.8 43.6 43.6 43.6 43.6 43.8 44.1 44.1 44.1 30.8 6E 180001 38.0 39.9 42.2 42.3 42.8 43.6 43.6 43.8 43.6 43.8 44.2 38.2 40.1 30.9 44.2 44.2 GE 120001 22.8 40.5 43.3 44.7 42,9 31.5 44.5 44.8 42.9 44.4 44.4 44.4 44.8 44.8 43.5 66 100001 33.7 45.9 45.9 47.5 47.5 47.5 47.6 47.B 24.3 41.6 46.4 48.1 48.1 48.1 6E 90001 43.5 49.6 49.9 50.1 57.1 39.9 51.5 54.1 54.1 55.2 56.2 56.7 56.8 57.1 28.8 56.2 56.2 40.5 7900 29.3 52.1 57.4 60001 49.9 54.7 55 . 8 56.8 56.8 5non l 6.5 65.4 76.9 86.4 89.9 91.6 91.6 92.6 93.6 93.6 93.6 94.1 94.2 94.5 94.5 94.5 77.1 86.5 92.2 92.8 94.4 94.7 4500 91.7 93.8 94.8 94.8 96.9 97.3 97.9 GE. 66.6 96.9 96.9 97.9 19.0 88.8 89.6 96.0 97.2 97.2 97.2 97.6 3500 67.5 93.3 30001 98.2 98.2 99.1 96.0 96.0 99.4 99.4 2500 79.7 67.5 97.0 98.2 98.2 99.2 99.6 93.3 96.0 96.0 98.2 99.1 99.4 99.4 99.2 98.8 99.4 19.7 98.2 2000 67.5 99.4 GE -TEUD 89.6 93.3 96.0 96.0 97.0 98.2 98.8 99.1 99.4 99.4 99.4 1500 12001 96.0 GF 10001 67.5 79.7 99.6 93.3 96.0 96.0 97.0 98.7 98.2 99.1 99.1 99.4 98.2 98.8 99.4 99.4 98.2 900 79.7 93.5 67.6 AO.A 96.2 96.2 99.0 99.3 99.6 97.2 98.4 98.4 99.6 4.00 98.5 TOOL 67.6 90.1 98.7 1.1 93.6 96.4 97.5 99.9 97.6 e de l 79.9 90.1 93.9 98.8 98.8 98.8 98.8 99.4 99.7 67.6 96.6 96.6 100.0 100.0 100.0 30 4001 3001 100.0 67.6 100.0 19.4 91.3 98.8 99.7 911.1 96.6 96.6 97.6 DR.A 99.4 100.0 100.0 100.0 200 96.6 96.6 98.8 100.0 100.0 100.0 TONI ₹.F 67.6 70.9 90.1 93.9 96.6 96.6 91.6 96.8 98.8 99.4 99.7 100.0 100.0 100.0 70.6 90.1 91.4 96.6 67.6 96.6 97.6 98.8 98.8 99.8 99.4 99.7 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY PRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404 380 STATION NAME: RIVADH SAUDI ARAPIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS GĒ 1 64 FEET GE GE FEET | 160 90 60 80 40 25.2 NO CETL I 33.1 39.4 37.8 39.6 40.0 40.6 40.6 40.6 40.6 40.6 40.6 40.6 40.6 GE 200001 GE 180001 GE 160001 21.2 21.2 21.2 35.4 40.6 42.7 42.7 42.9 43.6 43.6 43.6 43.6 44.1 44.1 44.1 44.1 43.6 43.6 43.6 43.6 40.6 42.2 42.7 42.7 42.9 35.4 40.6 42.2 42.9 44.1 44.1 44.1 44.1 GE 140001 27.2 28.0 35.4 40.6 42.2 42.7 42.7 44.1 44.1 44.5 44.5 45.0 45.0 GE 10000 28.9 30.0 43.8 45.4 46.0 46.0 47.9 46.4 47.1 47.1 47.1 48.9 47.6 47.6 47.1 48.9 47.6 47.6 GE 90001 47.3 45.6 48.2 4A.9 53.6 8000 50.9 52.1 54.1 54.9 54.9 55.2 55.6 55.6 55.6 55.6 $\frac{33.6}{33.7}$ 54.4 54.9 55.6 70001 43.9 51.7 51.5 55.6 55.6 55.8 55.9 56.4 10009-30 <u>56.4</u> 56.5 56.1 56.5 89.1 89.1 91.5 secol l 81.0 90.9 91.8 91.8 93.0 93.0 93.8 93.8 96.5 92.2 93.0 93.3 93.8 93.8 93.8 93.8 GE 4500] 81.0 82.5 90.9 91.8 92.2 93.0 93.0 93.0 93.8 93.8 71.9 96.0 96.5 GE 1 00 25 1 00 0 5 95.0 95.0 95.4 96.2 96.2 96.2 96.5 71.9 82.7 91.8 97.0 97.0 97.0 6 E 72.2 95.4 98.8 98.8 98.8 98.8 25001 83.9 98.3 98.5 98.5 98.6 98.8 98.8 99.1 99.2 99.2 99.1 99.2 99.2 99.1 99.2 99.2 96.8 97.0 97.0 97.4 98.3 98.3 99.1 20001 84.0 84.0 $\frac{93.6}{93.6}$ 95.7 98.5 99.2 7.F 1707 97.0 97.1 97.6 98.5 98.5 GE GE 15001 84.0 93.6 95.7 97.0 97.1 97.6 98.5 98.5 99.2 12001 98.5 99.2 98.8 1007 97.0 97.0 97.1 97.6 98.5 98.5 98.5 99.2 99.2 99.2 98.5 94.5 98.8 99.2 99.2 99.2 99.2 95.7 98.5 98.8 99.2 9001 84.C 93.6 97.6 98.5 7. F FCOI 64.0 93.6 95.7 97.0 95.5 99.2 99.2 7001 72.3 84.6 93.6 95.7 97.1 97.1 97.7 98.8 98.8 98.8 99.1 99.5 99.5 33 1703 72.3 95.7 98.8 99.5 99.4 500 72.3 95.1 95.7 97.1 97.3 99.1 99.8 99.8 99.8 93.6 99.1 99.1 99.8 99.8 99.8 99.8 4001 3001 2001 GE 84.0 99.1 97.9 99.1 99.1 72.3 84.0 95.7 97.1 99.1 99.1 99.1 99.4 99.8 99.8 99.8 03.6 99.1 99.8 72.3 84.0 97.9 99.1 7.5 1001 84.0 93.6 99.4 99.8 99.8 99.8 99.1 99.1 99.1 99.4 99.8 99.8 99.8 100.0

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TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC ATK MEATHER SERVICE/MAC STATION NUMBER: 484380 STATION NAME: PLYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAR HOURS (LST): VISIBILITY IN HUNDREDS OF METERS CEILING GE 90 GE 48 GE CE 40 GE 32 GÉ 24 GE GE GE ĞĒ GE GE GE GE FEET 80 60 10 1 160 20 12 0 16 8 37.4 NO CETL T 20.7 30.2 39.1 40.6 40.7 41.3 42.0 42.1 42.2 42.3 42.4 42.5 42.5 42.5 GE ZGCUPI 43.0 47.1 47.1 48.0 48.8 48.9 48.9 49.1 49.3 49.4 49.4 49.4 $\frac{34 \cdot 2}{34 \cdot 3}$ 47.2 47.2 GE 18000 22.9 22.9 43.U 43.1 45.2 49.2 49.5 49.5 49.5 48.1 48.9 49.0 49.1 49.4 49. 6E 140001 23.0 34.4 34.9 43.1 45.4 47.3 48.0 48.2 49.9 49.3 50.0 49.5 49.6 50.3 10000 25.1 47.1 49.6 51.7 52.7 53.8 53.8 54.0 54.2 54.3 57.0 54.4 51.7 53.6 54.3 GE | กขาย | กับก์8 49.2 55.1 51.9 58.3 56.7 63.7 26.3 39.1 54.1 55.3 56.3 56.4 56.5 56.9 57.0 60.8 63.1 63.3 63.9 64.0 64.0 29.6 43.8 44.0 55.6 58.7 61.3 62.4 63.7 63.8 63.7 64.0 64.4 64.4 64.5 68 70001 61.1 63.5 64.4 υĒ 6000 64.5 50001 89.4 94.4 95.0 95.1 97.5 GE 91.9 91.9 93.2 94.3 95.1 60.1 94.8 95.1 95.1 93.3 G E 64.2 74.5 86.3 94.6 94.9 95.2 95.2 95.2 4000 97.0 62.0 92.1 94.6 98.0 99.1 31001 94.6 98.0 ริกับก็] 99.1 2500 98.7 62.1 89.6 93.3 95.9 95.9 97.3 98.4 98.6 99.0 99.2 99.4 99.4 99.4 62.1 77.1 95.9 99.2 99.4 99.5 99.5 99.5 20001 89.7 93.4 96.0 98.5 98.7 1800 89.7 96.0 98.5 98.7 98.8 96.0 98.8 99.2 99.4 99.5 99.5 GE 150n 89.1 93.4 95.9 97.4 98.5 98.7 GE 12001 96.0 10001 62.1 93.4 96.0 97.4 98.8 98.9 99.2 99.4 99.5 99.5 96.0 98.6 99.6 62.1 77.2 77.2 97.5 99.2 99. GΕ 900 89.7 93.4 96.0 98.6 98.8 04.0 4.00 99.6 99.6 ากับคำ 89.7 93.4 96.1 GF. 96.0 99.3 98.6 98.9 98.9 99.5 99.6 99.6 99.7 97.6 89.7 89.8 96.2 GE 700 93.4 96.1 98.7 98.9 99.0 99.4 99.6 99.7 99.7 GE ์ 6มกิโ 96.3 500 A9.8 77.2 93.5 97.7 99.5 79.9 99.9 GΕ 62.1 96.2 96.3 98.9 99.2 99.8 99.9 99.1 400 300 89.8 97.7 99.1 99.2 99.5 99.9 GE 62.1 17.2 93.5 96.2 96.3 99.8 99.9 99.9 99.8 99.9 99.9 99.1 99. 99.5 GE 200 62.1 17.2 99.1 1001 99.8 96.2 96.3 99.2 99.2 99.6 100.0 77.2 97.7 99.8 96.3 99.2 99.6 7 62.1 93.5 99.8 99.9 100.0 100.0 GE 96.2 98.9 99.2 TOTAL NUMBER OF ORSERVATIONS: 5510

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GLUHAL CLIMATOLOGY ARANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY PSAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDE ARABIA PERIOD OF RECORD: 77-84 MONTH: APR HOURS(LST): 0000-0200 GE 32 32 90 24 48 10 NO CETL I 20.2 27.8 32.5 33.6 32.1 33.6 34.7 35.1 35.1 35.1 35.3 35.3 GE Zaran 29.1 36.8 20.7 34.0 37.9 38.3 39.3 39.3 39.3 34.7 36.3 38.3 38.5 38.5 38.5 38.5 38.7 GE 18000 29.1 34.0 34.7 34.7 37.9 38.3 20.7 36.3 36.8 38 • 3 38 • 3 38.5 38.5 GE 14000 36.3 36.8 38.3 39.3 38.5 38.5 38.5 38.5 GE 100un 23.8 32.7 37.6 40.5 42.5 47.4 38.2 42.0 44.0 42.0 44.0 48.9 42.2 40.0 41.6 42.0 42.2 GE 9000 25.8 34.7 39.6 42.0 44.0 44.2 44.2 46.5 48.9 49.1 70001 44.6 48.9 39.1 45.2 47.4 47.9 27.8 49.5 49.5 49.5 49.4 49.4 95.9 95.6 96.5 97.5 97.1 98.0 99.2 Sruol 95.1 96.6 97.5 97.1 98.0 99.2 99.2 97.1 98.0 97.2 97.2 98.2 97.2 98.2 99.7 99.7 97.2 87.7 96.0 4500 93.3 ั**นกอัก**ไ 99.2 94.3 94.9 98.6 99.4 99.4 99.7 76.8 3500 94.3 94.9 99.8 ้ รักบัก เ 99. 99.4 2500] 76.8 88.7 94.3 94.9 97.5 97.1 98.6 99.2 99.2 99.2 99.4 2000 l 94.3 94.9 99.2 76.8 76.8 99.7 99.4 97.1 97.5 99.2 99.2 99.4 99.7 94.5 95.1 95.1 97.2 97.7 15001 99.4 100.0 izoni 77.0 99.4 99.5 10001 77.0 98.8 94.5 97.2 98.8 77.0 77.0 88.8 94.5 95.1 GF 900 100.0 7001 97.2 97.7 OA.A 96.4 00.4 99.4 99.5 00.5 99.8 99.8 94.5 700 71.U 97.2 99.4 99.5 99.5 99.8 99.8 100.0 6001 97.7 99.4 5001 77.0 88.8 94.5 95.1 97.2 99.4 97.7 0 A . A 99.4 99.4 99.8 94.5 40n (30**n** (88.8 95.1 97.2 77.0 97.7 98.8 99.4 99.4 99.4 99.5 99.5 99.8 100.0 98.8 99.4 99. 99.5 99.5 GE SE 200 88.8 94.5 99.4 99.8 99.8 100.0 1001 77.0 95.1 99.5 97.2 97.7 98.8 99.4 99.4 01 77.0 97.2 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC STATION NUMBER: 4043HD STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: APR HOURS(LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS ************************************* CETLING GF 90 GE GF G E 32 GE GE GE GE GE FLET 1 160 80 40 60 48 NO CETE I 25.8 32.3 35.0 36.3 37.5 37.5 38.3 38.4 38.4 38.4 38.6 38.6 38.6 38.6 38.6 26.7 39.0 38.1 40.4 40.4 41.2 41.4 41.4 41.4 41.5 41.5 41.5 41.5 41.5 41.5 GE IBPURI 26.7 33.6 38 • 1 38 • 1 39.0 40.4 41.5 41.5 GE 16000 26.7 40.4 40.4 41.2 41.4 41.4 41.4 41.5 41.5 41.5 41.5 GE 14000 26.9 33.8 38.3 39.5 40.6 41.7 41.5 41.7 41.7 41.7 41.7 GE 120001 34.1 38.6 46.9 40.9 41.7 41.8 41.8 41.8 42.1 SF 100001 30.7 38.4 45.4 43.1 44.0 46.8 48.8 45.4 46.3 46.5 46.5 46.5 46.8 46.8 46.8 46.8 45.1 46.0 50.0 47.4 52.3 980081 32.3 40.4 52.5 48.5 52.5 52.5 48.8 49.8 48.8 48.8 - anun 34.6 44.3 51.4 7000 34.7 44.4 49.2 52.6 52.6 52.9 52.9 53.1 60001 35.0 44.8 57.5 51.9 50001 88.4 96.6 97.2 98.8 96.9 96.9 97.5 99.1 78.7 93.2 94.1 95.5 95.5 96.5 97.1 96.6 97.2 96.6 97.2 96.9 96.9 97.1 4500 79.3 89.0 96.1 96.1 97.5 97.7 4000 90.4 97.7 98.8 98.8 96.1 98.6 98.8 99. 3500 80.6 90.4 96.5 98.8 99.1 98.6 98.8 99. 99.1 99.4 99.1 99.2 3000 90.6 99.1 98.0 2,00 AD.9 90.7 95.5 96.6 98.1 98.1 99.1 49.2 99.2 99.2 99.5 99.5 99.2 99.5 99.7 2000 1700 90.7 80.9 96.6 98.1 99.1 99.2 99.5 99.5 99.7 Au. S 95.5 99.1 96.6 98.1 98 . 1 99.2 1500 AU.9 90.7 98.1 99.5 99.2 99.5 99.5 Tann AU. 9 90.7 96.6 98.1 99.1 1067 90.7 95.5 95.5 95.5 90.9 96.6 98 • 1 96 • 1 98.1 98.1 99.1 99.1 99.2 99.2 99.2 99.2 99.5 99.5 99.5 960 an. G 99.5 99.5 PON 80.9 99.2 99.2 90.7 98.1 99.1 96.6 98.1 99.2 99.2 99.5 71:01 90.7 96.6 99.2 99.5 99.5 99.5 99.5 99.7 600 80.9 90.7 96.6 48.1 99.2 99.2 i.ut G f 81.0 90.9 95.7 95.7 95.7 98.3 98.3 99.4 99.7 96 . A 98.3 99.2 99.4 99.7 99.8 GE SE 81.U 90.9 450 96.8 98.3 99.2 99.4 99.7 99.7 99.7 99.8 300 99.4 96.4 98.3 98. 99.2 99.4 99.4 2001 90.9 99. 99.8 iont 81.0 υĒ 90.9 95.7 96.8 98.3 94.2 99.4 99.4 99.4 100.0 91.0 90.9 99.7 100.0

TOTAL NUMBER OF ORSERVATIONS:

CLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCUPPENCE OF CETLING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS AIR SERVICE MAC STATION NUMBER: 404339 STATION NAME: PIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: APR HOURS(LST): D600-D800 FILING VISIBILITY IN HUNDREDS OF METERS GE 32 GΕ GE IN | GT FLET | 160 90 BL 6 U 4.8 40 24 10 NO CETE ! 17.9 33.3 42.9 51.0 51.1 52.2 52.9 3350U 20.5 38.9 50.5 57.3 59.2 59.8 60.3 60.5 61.1 61.3 61.6 61.9 62.2 GE 180001 39.0 50.6 55.1 57.3 57.5 59.4 60.0 60.5 60.6 62.1 ได้ยาลายา 57.5 50.6 50.5 61.3 60.6 60.0 62.4 61.4 61.7 66 140001 66 120001 $\frac{39.5}{39.8}$ 55.6 56.0 57.8 58.3 57.9 20.8 51.1 59.8 60.5 62.4 62.5 62.9 20.6 51.6 60.3 61.0 62.7 69.2 72.4 Tunun 57.8 62.4 64.6 64.8 66.7 67.3 67.9 69.1 68.7 68.9 69.5 69.8 24.9 27.0 GE 90001 47.1 60.6 65.4 67.6 67.8 69.7 70.5 71.1 71.3 60001 50.6 65. 70.8 77.6 76.2 76 . 8 77.0 77.8 78.1 78.4 78.7 77.8 70001 27.0 50.6 70.8 6 กัชกั**ไ** 21.0 76.2 78.4 78.1 78.7 scan 43.2 66.8 A2.1 87.1 89.5 89.7 91.7 92.5 93.2 93.3 94.0 94.1 94.4 94.8 95.1 66.8 82.1 85.2 87.1 90.3 92.7 93.7 45001 94.8 95.1 98.3 95.4 40001 96.0 98.6 85.7 97.0 35001 45.4 69.7 90.5 92.9 93.0 95.4 GĒ 30001 69.7 90.4 93.2 96.5 98.4 98.7 99.0 25uc 45.6 91.3 93.7 93.8 97.6 97.8 99.2 70.0 96.2 96.2 97.0 98.4 99.6 98.9 99.5 45.6 70.0 70.0 91.3 93.8 97.1 97.9 6.5 20001 86.2 94.0 96.3 97.8 98.7 99.0 99.7 ČĒ Inuni 98.6 99.4 1500 45.6 70.0 70.0 86.2 86.2 91.3 93.8 93.8 96.3 1200 94.D 10001 70.0 97.9 99.0 1, (45.6 91.3 93.8 94.0 97.1 98.6 99.4 86.2 96.3 97.8 99.7 99.7 900 | 700 | 45.6 45.6 70.0 70.0 86.2 86.2 91.3 93.8 94.0 97.8 97.9 98.6 99.0 99.7 ΰĒ 96.3 97.1 98.6 98.7 99.0 99.4 90.7 GE 70.0 70.0 86.2 86.2 93.8 94.0 7110 45.6 45.6 91.3 96.3 1003 97.A 99.0 99.4 99.7 500 70.0 97.1 97.1 97.1 45.6 R6 . . 91.5 93.8 94.0 96.3 97.8 97.9 98.6 99.0 99.4 99.7 1001 1001 45.6 70.L 70.0 91.3 93.8 94.0 97.9 97.8 98.6 98.7 99.0 99.7 96 .. 96.3 99.0 99.4 99.7 2001 1001 45.6 45.6 70.0 70.0 93.8 93.8 94.0 94.0 98.6 99.7 ĞE 90.2 91.5 97.1 97.0 96.3 97.8 98.6 98.7 99.0 99.4 99.8 (F TO 70.0 90. 91.3 98.6 45.6 91.8 94.0 96.1 97.1 07.8 47.0 99.0

TOTAL NUMBER OF DASERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFEFAC FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE/HAC STATION NUMBER: 404360 STATION NAME: RIVAUH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: APR HOURSILST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS GE IN | GI FELT | 16P GE GE 32 GE 20 GE 90 яu 60 40 24 NO CETL 1 14.0 26.1 40.4 43.3 49.7 45.6 46.6 48.3 50.3 50.4 50.7 51.0 51.5 51.6 52.2 GE ZUCUNI 52.2 31.0 48.7 55.5 56.6 58 - 6 60.2 60.9 61.1 61.4 61.7 62.1 62.2 62.8 GE 160001 15.6 56.0 57.0 59.0 60.6 61.4 61.5 61.8 62.1 62.5 62.7 63.3 31.5 56.9 140001 15.6 16.0 GE 12000 50.0 53.5 GC 10000 34.5 57.6 17.6 53.6 61.4 62.4 64.4 66.2 66.9 67.1 67.3 67.6 68.1 68.2 68.8 56.0 60.1 63.8 70.3 67.2 90001 70.8 71.3 72.0 8000 20.3 75.1 65.6 70001 20.4 60. 69.4 GE 61.1 6000 69.7 Scon 57.7 58.0 79.6 95.3 95.9 38.9 91.7 94.6 95.3 GE 84.1 88.2 89.2 93.9 94.8 95.D 95.8 96.5 96.5 45001 39.5 58.6 4000 80.8 85.3 89.8 90.8 93.4 95.8 96.5 96.6 96.9 97.2 97.8 96.6 98.4 3000 97.1 90.4 99.0 2500 39.5 86.2 59.0 81.6 90.7 91.7 94.3 96.6 97.4 97.5 97.5 97.8 98.1 98.1 98.5 98.7 99.3 2000 59.0 81.6 81.6 91.7 94.3 98.7 98.5 39.5 90.7 86.2 1500 39.5 59.0 59.0 ĞĒ 1200 86.2 90.7 97.4 1000 59.0 59.2 59.2 39.5 81.6 86.2 86.3 91.7 6F 94.3 97.4 97.5 97.8 98.0 98.1 90.7 98.7 G 6 900 39.7 A1.6 98.8 - ฮ์อักไ 91.8 98.3 86.3 90.8 94.5 97.5 97.7 98.0 98.8 GE 90.8 96.8 98.7 98.8 6001 96.8 94.5 97.5 97.7 98.3 GΕ 500 14.7 59.2 81.8 B6.3 911.8 94.5 97.5 400 700 39.7 59.2 GE 81.8 86.3 90.8 96.8 98.0 98.3 98.7 98.8 99.4 90 . B 97.0 97.7 91.6 F1.8 86.3 98. 59.2 98.3 98.8 fcoi 90.4 91.6 97.5 97.1 98.0

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TOTAL NUMBER OF OBSERVATIONS:

GLUHAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-64 VISIBILITY IN HUNDREDS

GE GE GE

32 24 MONTH: APR HOURS(LST): 1200-1400 CEILING OF METERS ĞΕ GE FLLT 90 80 413 1 160 48 60 10 19.8 29.6 41.8 NO CETL T 39.5 43.8 46.3 46.3 46.3 46.1 46.6 46.6 46.7 46.8 GE 20000 52.4 57.8 57.9 58.2 58.2 58.5 GE 16000 50.3 53.0 58.5 58.5 58.8 GE 140001 GE 120001 50.4 55.9 GF 100601 53.3 59.1 61.6 26.6 56.3 59.5 62.2 62.6 62.6 62.6 62.9 62.9 63.1 63.2 GE 90001 41.1 59.9 61.8 65.5 70.1 70001 60.1 66.1 66.5 69.3 69.7 69.7 70.0 70.0 70.1 68.7 60001 5000 84.2 90.2 90.7 93.0 94.3 4000 71.0 87.5 97.4 94.4 94.4 94.7 95.0 98.0 94.0 94.7 94.8 46.6 90.5 94.0 98.0 98.3 98.3 98.4 35001 56.0 GE 30001 99.1 99.1 99.1 99.1 2500 58.1 98.4 98.9 98.9 98.9 99.1 99.3 99.4 2000) 1000| 1500| 98.9 71.6 86.1 88.1 94.8 97.7 98.9 99.1 99.3 94.4 98.4 98.9 98.4 94.8 98.9 99.3 GE 98.1 91.4 94.4 97.7 48.4 98.9 98.9 99.1 90.4 12001 10001 98.4 99.4 99.1 94.4 97.7 99.3 6.5 94.8 98.4 98.9 98.9 99.4 FORT 7001 94.4 94.8 98.4 98.9 98.9 98.9 99.1 99.1 99.3 99.4 1003 Suci 71.6 97.7 98.9 56.3 98.4 98.9 99.1 99.3 98.9 99.1 99.4 GE GE 4001 7001 91.4 98.9 1001 94.8 94.8 97.7 98.9 98.9 99.3 94.4 98.4 99.1 99.9 56.3 71.6 98.1 97.7 98.9 99.9 98.9 99.1 99.1 99.3 100.0 TOTAL NUMBER OF OBSERVATIONS: 696

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE /MAC PERIOD OF RECORD: 77-84
MONTH: APR HOURSILS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA HOURS (LST): 1500-1700 VISIBILITY IN HUNDREDS 0k 6E 20 OF METERS CEILING GE 32 FEET 160 90 80 60 40 10 0 NO CEIL I 24.0 32.0 38.4 40.6 41.2 41.3 41.9 42.1 42.4 42.5 42.5 38.9 39.4 49.6 52.5 53.1 53.1 53.1 53.7 53.7 53.3 53.9 53.9 54.6 55.2 55.2 54.7 55.3 54.3 54.7 GE 18000 54.4 55.3 55.3 55.3 55.3 54.7 54.9 GE 14000 | GE 12000 | 6E 10000 30.6 43.7 55.0 59.4 60.6 60.B 61.0 61.0 61.3 61.6 61.7 61.3 61.6 9000 46.6 58.1 61.4 66.5 62.6 64.5 69.1 8กนก | 69.1 69.3 7000 49.9 65.6 66.8 68.6 68.7 68.7 68.7 69.1 69.4 69.4 6000 5000 60.1 74.4 86.3 91.3 91.4 92.6 93.0 93.2 93.2 93.6 93.6 93.9 93.9 94.0 4500 4000 76.6 90.0 94.8 65 35UN 97.1 77.0 77.0 77.0 61.7 90.2 95.8 95.8 95.8 97.8 97.8 97.8 98.0 99.0 98.4 98.4 98.8 10001 98.0 98.0 98.8 98.8 98.0 98.0 90.2 98.4 77.U 97.8 98.0 1500 95.6 95.8 98.5 99.0 99.0 94.3 98.4 1200 90.2 ורטחן 94.3 94.3 95.8 95.8 98.5 98.5 98.5 77.0 77.0 90.2 95.6 97.8 98.1 98.1 98.1 98.8 99.3 9001 97.2 99.4 6 F 61.7 99.3 aunī 98.8 99.4 7001 77.0 90.2 95.6 98.5 99.4 99.6 6071 90.2 SUD 98.8 99.4 99.4 99.4 99.6 99.6 99.6 99.9 4001 94.3 98.1 98.5 98.8 GE 77.0 95.6 98.1 300 90.2 2001 90.2 94.3 95.6 97.2 98.1 98.1 98.5 99.6 របកា 98.1 98.1 98.8 99.6 100.0 95.6 TOTAL NUMBER OF ORSERVATIONS:

GLOHAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: PLYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: APR HOURS (LST): 1800-2000 EZILING VISIBILITY IN HUNDREDS OF METERS
IN GT GE GL GE GE GE GE GE GE GE GE GE GE GE 32 GE GE 33 IN | 61 24 8.0 40 20 12 10 NO CETL 17.9 25.8 33.3 34.4 35.7 35.7 36-4 36.7 36.9 36.9 36.9 36.9 37.0 37.0 17.A GE 200001 21.3 32.4 43.6 47.6 47.6 47.6 44.7 46.1 46.1 47.1 47.4 47.6 47.7 47.7 47.7 GE 180001 21.3 21.3 32.4 43.6 47.4 46.1 47.6 44.7 46.1 46.1 . 47.1 47.6 47.6 47.6 47.6 47.7 47.7 GE 140001 32.4 $\frac{43.6}{43.7}$ 47.6 21.3 46.2 46.2 47.9 44.9 47.4 47.9 47.9 47.9 GE 10000 22.8 30.0 49.6 53.8 58.2 51.1 51.4 55.7 47.6 49.6 51.6 51.6 55.9 51.7 46-1 51.7 51.9 51.9 51.9 51.7 56.0 56.1 GE 90001 25.2 37.9 58.2 55.9 56.0 56.1 56.0 56.1 56.1 60.0 60.1 60.6 60.6 60.7 54.4 60.4 60.7 1000 60.9 60001 28.6 ίĒ 41.8 56.1 54.5 54.4 60.6 60.7 60.7 60.9 G F 5000 60.3 73.5 86.2 87.9 91.9 91.9 96.9 92.3 92.3 97.3 92.4 92.4 97.6 92.6 92.6 97.9 93.0 93.0 90.1 90.1 92.4 92.6 93.0 93.0 61.3 87.9 4500 73.5 86.2 90.1 92.4 93.0 93.0 40001 ĞĒ 95.1 350n J 300n J 92.9 GF 98.4 98.7 99.1 99.1 99.1 6F 90.7 GĘ 2500 61.3 75.6 90.7 93.0 97.5 97.5 95.6 95.7 95.7 98.2 98.5 98.5 98.8 98.8 98.8 99.3 99.3 99.3 2000 61.3 93.0 95.6 GF 75.6 90.7 98.5 98.8 99.3 97.5 97.5 98.5 GE 95.7 98.5 98.8 99.3 75.6 90.7 93.0 GF 1500 12001 σī 61.3 95.6 95.7 97.5 98.2 98.5 98.5 9 8 . A 98.8 99.3 75.6 75.7 75.7 GE 10001 90.7 93.0 93.2 61.3 95.6 97.5 97.6 95.7 95.9 98.2 98.4 99.5 98.8 99.0 99.3 99.3 98.5 98.8 99.3 65 200 90.8 93.2 99.0 98.7 1701 15 E 61.3 90.8 95.7 95.9 97.6 98.4 98.7 99.0 99.4 99.4 99.4 99.6 99.6 GE חנול 61.3 75.7 75.7 90.8 93.2 95.7 97.6 98.7 98.7 99.6 99.1 76 eer. 99.0 95.0 0A. 7 GΕ 1.00 75.7 90.8 93.2 61.3 95.7 95.9 97.6 98.4 99.0 99.1 99.1 99.1 99.9 99.9 98.7 98.7 99.9 3001 61.3 90.8 93.2 95.9 98.4 98.7 99.0 95.7 97.6 98.7 99.9 99.0 99.9 99.9 90.8 GF 2001 61.3 93.2 95.7 95.9 GE TOPT 75.7 97.6 9 A . 4 5A.7 90.1 98.7 99.0 00.0 00.0 00.0 93.2 97.6 95.7 95.0 98.5 98.8 98.8 99.1 99.3 100.0 100.0 100.0

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TOTAL NUMPER OF OBSERVATIONS:

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATICH NUMBER: 404380 STATION NAME: RIYADH SAUDI ARAPIA PEPIOD OF RECORD: 77-84 MONTH: APR HOURS (LST): 2100-2300 VISIBILITY IN HUNDREDS CEILING GE GF ĠΕ GE GE GE GE GE GE GE GE GE GŁ GF GE FLLT 1 160 36 8 C 60 49 32 _10 20 12 NO CETL [" • 2 23.9 33.6 47.9 43.8 44.4 43.8 44.4 44.4 44.4 41.2 44.4 44.4 44.4 44.4 44.4 37.6 37.6 37.6 65 200unl .2 25.8 47.6 48.6 48.6 48.6 49.7 45.8 48.6 49.5 49.7 49.7 49.8 49.8 49.8 49.8 49.B 49.7 47.6 49.7 GE 180001 25.8 48.6 49.8 49.8 49.8 49.8 49.8 6E 160001 25.8 45.8 48.6 49.5 49.7 49.8 49.8 49.8 49.8 14000 49.7 49.8 49.8 49.8 49.8 G.F. 12000 48.9 50.0 50.0 50.0 50.2 50.2 50.2 39.5 51.8 54.5 57.7 51.8 54.5 57.7 53.3 56.2 59.4 •2 27.1 48.5 51.2 52.9 55.8 GF 10000 50.5 53.2 53.3 53.5 53.5 53.5 53.5 53.5 28 · 8 9000 41.8 53.2 56.1 59.2 59.4 56.2 56.5 59.7 56.5 56.5 56.5 59.7 56.5 59.7 59.8 ĞE 8000 54 - 2 56.2 7000 30.3 59.5 59.8 59.8 59.8 6 F 6CUN! 30.3 50001 66.1 66.4 67.9 80.2 80.5 82.9 93.8 94.1 97.1 6 E 90.2 92.1 93.8 94.1 95.U 95.3 95.3 95.5 95.8 95.5 95.8 95.8 95.8 95.8 95.8 95.8 90.5 92.4 96.1 96.1 96.1 96.1 99.7 96.1 97.1 97.3 97.3 นานกัไ 99.1 99.2 99.2 99.7 99.7 GF 98.6 99.7 95.5 oF GE 98.8 99.8 99.8 99.8 3000 93.5 97.3 99.4 2500 82.9 82.9 93.5 93.6 93.6 95.5 97.3 97.3 98.8 99.9 GF GF 67.9 99.2 99.4 99.8 99.6 99.8 2000 67.9 99.4 99.5 100.0 100.0 100.0 100.0 100.0 1800 Ğ.F 95.6 97.4 97.4 100.0 100.0 100.0 Fur 82.9 82.5 93.6 95.6 100.0 97.4 100.0 100.0 100.0 G.E iżuri 67.9 93.6 97.4 67.9 67.9 67.9 93.6 93.6 93.6 93.6 97.4 97.4 97.4 97.4 97.4 97.4 11.00 82.9 95.6 99.4 99.5 100.0 100.0 100.0 99.5 100.0 100.0 95.6 • ? • 2 82.9 82.9 99.5 100.0 100.0 100.0 100.0 98.9 61 PUCI GF GF 700 67.9 82.9 82.9 95.6 98.9 99.4 99.5 99.5 100.0 100.0 100.0 100.0 6uñ [100.0 100.0 100.0 100.0 93.6 93.6 93.6 F.U.O. 67.5 87.9 95.6 97.4 99.4 100.0 100.0 100.0 100.0 100.0 GF 400 67.9 82.9 82.9 95.6 97.4 97.4 98.9 99.4 99.5 100.0 100.0 100.0 100.C 100.0 2001 67.9 95.6 100.0 260 95.6 GE GE 73.6 47.4 98.9 99.5 100.0 100.0 100.0 100.0 ioni 100.0 100.0 100.0 100.0 99.4 99.5 99.5 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF GREENVATIONS: 660

GECHAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE EREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404389 STATION NAME: RIVARH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: APR HOURS (LST): CEILING GF. GE FEET FEET | 160 90 80 60 48 40 32 24 20 16 12 10 8 5 4 0 HO CETE T .OT 20.4 30.0 39.A 41.2 42.9 43.1 43.3 43.4 43.1 43.5 43.7 GE 200001 34.8 47.3 22.8 45.1 49.1 49.4 50.7 51.6 • 0 51.2 51.4 51.4 51.7 51.9 51.9 52.1 49.6 GF 180001 22.9 35.0 35.0 49.3 50.9 51.4 51.6 51.6 51.9 51.9 52.1 52.2 52.3 <u>06 16000</u> GF 140001 35.2 35.5 45.5 47.8 49.5 49.B GE TZPUNT 6E 100001 54.3 57.0 61.5 •0 25.3 38.5 51.9 54.0 55.7 57.1 57.2 56.6 56.8 56.9 57.3 56.3 56.6 9000 • 0 26.9 40.7 52.1 56.3 59.0 56.7 58.5 59.1 59.4 59.8 60.2 8000 īč 44.1 63.1 61.2 64.1 64.4 64.7 64.7 64.9 70001 44.2 6000 64.4 64.9 65.2 GΕ 5000 59.5 74.5 ٠Ō 86.7 89.4 91.7 92.G 93.6 94.3 94.6 94.9 95.0 95.1 95.2 95.4 94.5 4500 4000 59.7 92.2 94.0 95.0 95.4 94.7 95.3 95.9 98.6 61.0 3500 **.** n 49.5 92.4 94.8 96.9 98.5 30001 95.1 2500 92.9 95.3 99.0 99.0 76.8 90.0 97.4 98.2 61.1 95.6 99.6 • 0 98.9 99.2 99.5 98.5 99.3 2000 I 61.1 95.6 97.5 99.3 • 0 76.8 90.0 92.9 95.3 98.6 7.5 76.8 92.9 99.6 98.6 .0 90.0 95.3 98.3 98.9 99.0 99.3 99.5 1500 .n 90.0 92.9 95.3 95.6 ζĒ 17001 .0 90.0 GF. 1000 •0 61.2 76.8 90.0 92.9 95.3 95.6 97.5 98.3 98.6 98.7 98.7 99.1 99.1 99.1 99.4 98.6 99.6 99.0 99.3 GF GF 900 | FDC | 61.2 76.8 76.8 90.0 92.9 95.4 95.7 97.5 98.3 : C 98.6 99.6 99.0 99.4 99.5 92.9 760 'n 61.2 76.8 7001 90.u . 0 95.4 98.6 99.0 99.4 95.4 95.7 95.7 95.7 ۰0.1 93.0 400 61.2 16.9 99.0 99.5 99.5 99.5 • 0 97.5 98.3 90.7 98.7 99.2 99.5 99.7 6 E 4001 3001 0.0 61.2 76.9 93.0 95.4 97.5 98.7 98.7 70.1 49.3 99.7 99.2 99.5 2001 1001 61.2 99.6 98.3 90.1 76 F . 17 76.9 93.0 95.4 95.7 97.5 98.3 98.7 94.7 99.0 99.2 99.5 99.6 1, 1 61.2 93.0 ĒΤ - 0 76.9 90.1 95.4 97.5 95.7 y8.4 98.7 98.7 99.0 99.2 99.5 99.6 . 100.0 TOTAL NUMBER OF ORSERVATIONS: 5334

Name of Street, or other transfer or other trans

St. September

District of the second

GL MAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUDLY OBSERVATIONS

STRITTON ME	M184: 404380	STATE		RIYADH SAUDI ARARIA				PERIOD OF RECORD: 77-84 HONTH: MAY HOURS(LST): GGGG-G200							
			•••••												
LEILING	61 61	GE	G.E	GE	V	ISIBILI GE	GE GE	HUNDRED: GE	S DF ME GE	GE	GE	GE	GE	GE	GE
	160 90	30_		4.4	4 0	32	24	20	16	12	10	9	U E 5	UL 4	G.
NO CETE F	20.9	27.5	31.4	32.1	32.6	32.9	34.0	34.2	34.6	34.6	34.8	34.8	34.9	34.9	35.1
10000S 24	21.5	29.5	33.1	34.0	34.5	34.6	36.0	36.2	36.7	36.7	36.8	36.8	37.0	37.0	37.1
7 18CAO	21.5	28.5	3.1	34.0	34.5	34.6	36.0	36.2	36.7	36.7	36.8	36.8	37.0	37.0	37.1
5° 16000	21.5	28.5	33.1	34.0	34.5	34.6	36.0	36.2	36.7	36.7	36.8	36.8	37.D	37.0	37.1
66 14060] 66 12000]	21.5	28.5	33 • 1	34.0	34.5	34.6	36.0	36.2	36.7	36.7	36.8	36.8	37.0	37.0	37.1
37 120001	21.8	29.0	33.5	34 - 5	34.9	35 - 1	36.5	36.7	37.1	37.1	37.3	37.3	37.4	37.4	37.6
65 1000nl	24.0	31.4	36.2	37.3	37.8	38.1	39.5	39.6	40.1	40.1	40.2	40.2	40.4	40.4	40.6
5.001	25.7	33.2	38.4	39.5	39.9	40.2	41.8	42.0	42.4	42.4	42.6	42.6	42.7	42.7	42.9
SE 8000	26.5	34.6	40.7	42.1	42.6	42.9	44.9	45.1	45.6	45.6	45.7	45.9	46.0	46.0	46.3
SF 60001	26.1	34.9	41.0	42.4	42.9	43.2	45.2	45.4	45.9	45,9	46.0	46.2	46.3	46.3	46.6
F 60001	26.7	34.9	41.0	42.4	43.1	43.4	45.4	45.6	46.0	46.0	46.2	46.3	46.5	46.5	46.8
F SOURT	17.5	85.R	91.9	93.3	93.9	94.2	96.3	96.4	96.9	96.9	97.0	97.2	97.3	97.3	97.7
SE 45001	77.5	85.8	91.9	93.3	93.9	94.2	96.3	96.4	96.9	96.9	97.0	97.2	97.3	97.3	97.7
E 40001	78.8	87.4	93.4	95∙0	95.8	96.1	98.1	98.3	98.8	98.8	98.9	99.1	99.2	99.2	99.5
55 3500 <u>1</u> 56 30001	78.8	87.4	93.4	95.0	95.8	96.1	98.1	98.3	98.8	98.8	98.9	99.1	99.2	99.2	99.5
ו טעטני	78.9	97.7	93.6	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
E 25001	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	130.0
2000	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
SE IPCOI	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
SE 15001	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
1001	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.7	99.4	99.5	99.7	99.7	100.0
F 1000	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
SE 9001	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
E POOT	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
SE 7001	79.9	87.7	93.8	95.5	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
1009 35	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
€ 5001	78.9	87.7	93.6	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
50 4001 56 3001	78.9	87.7	73.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
SE 3001	78.9	87.7	73.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
E TOOL	78.9 78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
, 1001	(8.9	81.1	93.8	¥7.5	96.1	96.4	98.4	98.6	99.1	99.2	99.4	99.5	99.7	99.7	100.0
3E 41	78.9	87.7	93.8	95.3	96.1	96.4	98.4	98.6	99.1	99.2	99.4	97.5	99.7	99.7	100.0

SLORAL CLIMATOLOGY RRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAY HOURS (LST): 0300-0500 EILING VISIBILITY IN HUNDREDS OF HETERS CEILING 1V | GT FLET | 160 Gξ GE GE GE GE GŁ GE GΕ GE GE 90 80 60 48 40 12 10 NO CETL 76.Ū 33.2 37.3 37.9 40.D 40.3 41.1 41.7 41.7 41.7 41.7 41.8 42.4 42.4 GF 200001 27.2 34.6 39.1 39.7 41.8 42.1 43.5 43.5 42.9 43.5 43.5 43.7 44.3 44.3 44.3 6E 18000 21.2 27.2 34.6 34.6 39.1 43.5 43.7 42.9 43.5 44.3 44.3 43.5 44.3 44.3 44.3 GE 14000 | GE 12000 | 27.2 28.1 34.6 35.5 39.1 40.0 39.7 40.6 41.8 42.1 42.9 44.3 45.2 45.2 45.2 37.6 39.6 10000 43.2 45.8 30.2 42.4 45.3 45.6 46.4 47.0 47.0 47.0 47.0 47.1 47.7 47.7 47.7 31.7 48.3 51.1 50.0 50.8 9000 45.0 48.6 49.4 50.0 50.0 50.2 50.8 50.8 0000 51.4 52.1 52.7 52.9 70001 11.8 48.2 49.2 52.1 53.8 53.8 53.8 53.8 53.8 60001 48.2 53.9 54.5 5000 | 4500 | 91.8 95.9 76.4 84.7 94.7 95.2 90.8 96.5 96.5 96.5 96.5 96.7 97.3 97.3 97.3 GE SE 76.4 78.1 92.0 94.9 96.8 95.3 96.1 96.7 96.7 96.8 97.4 84.7 90.9 400001 92.9 99.4 99.4 6E G€ 3500 78 - 1 86.6 93.1 94.1 97.4 97.4 98.3 98.6 98.6 98.8 98.8 3ñuñ T 94.3 94.4 94.4 2500 78.2 98.3 98.9 98.9 99.1 99.7 98.9 99.7 99.7 93.4 1800 78.4 78.4 99.2 97.3 97.7 99.1 86.9 98.5 99.1 99.1 99. 99.8 99.8 86.9 98.5 99.1 99.1 99.2 99.8 99.8 99.8 1500 GE. 78.4 78.4 94.4 98.5 99.1 99.1 99.1 99.1 99.2 99.8 86.9 12001 93.4 78.4 78.4 78.4 93.4 93.4 93.4 1000 94.4 97.3 97.7 98.5 99.1 99.1 99.1 99.1 99.2 99.8 99.8 99.8 900 94.4 99.1 99.1 99.8 99.8 99.8 86.9 97.7 98.5 99.1 99.1 99. 7001 GE 86.9 94.4 97.3 97.1 700 94.4 99.1 86.9 97.3 97.7 98.5 99.1 99.1 99.1 99.2 99.8 99.8 99.8 6001 78.4 86.9 93.4 78.4 78.4 78.4 93.4 97.7 97.7 97.7 99.1 99.1 5001 86.9 99.1 99.8 99.8 99.8 400 l 86.9 94.4 97.3 98.5 99.1 99.8 99.1 99.1 99.2 99.8 100.0 97.3 100.0 99.1 78.4 78.4 86.9 99.8 100.0 - 2 93.4 98.5 99. 99.1 99.2 99.8 TOOT 94.4 97.3 97.7 99. 99.1 93.4 59.1 99.1 99.1 99.1 99.2 99.8 99.8 100.0 TOTAL NUMPER OF OBSERVATIONS: 662

4

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVARH SAUDI ARARIA PERIOD OF PECORD: 77-84 MONTH: MAY HOURS (LST): 0600-0800 EILING VISIBILITY IN HUMOREOS OF HETERS 95 35 GE 24 6E 20 40 10 16 NO CETE 1 45.3 52.6 55.6 14.1 29.0 49.8 52.8 56.5 56.8 57.3 57.7 58.0 58.6 58.8 58.9 GE 200UP 33.1 33.2 33.2 16.4 52.2 58.2 61.7 62.0 65.0 65.9 66.2 66.6 67.2 67.5 68.1 68.7 GE 18000 16.5 52.3 58.3 58.3 61.8 65.1 66.8 67.4 66.0 66.3 67.7 68.3 68.9 69.0 62.1 GE 14000 16.7 67.1 53.2 59.2 62.7 63.0 66.3 67.7 68.0 68.6 69.2 66.0 68.0 37.1 SE 100001 19.2 57.9 64.2 67.7 71.0 72.2 72.5 72.9 73.5 73.8 GE 9000 67.2 20.3 72.7 60.5 70.8 75.2 74.1 75.6 78.2 82.9 38.8 71.1 75.3 60.0 76.1 80.8 75.5 78.9 80.3 80.6 81.1 81.7 82.0 82.6 83.2 83.3 83.3 ĞĚ 6000 GF 5000 36.2 55.3 77.9 85.1 85.3 88.9 92.3 93.7 93.8 94.0 94.4 94.6 97.1 97.3 87.2 95.0 95.3 95.9 96.5 78.0 94.1 36.2 91.7 92.5 95.5 96.7 95.2 96.1 96.8 4000 80.5 95.0 96.7 95.2 96.5 98.2 3000 38.0 80.8 84.0 92.0 97.4 2500) 2000) 1800) ₹8.0 89.1 88.3 89.3 91.9 92.0 92.0 80.9 92.2 95.5 95.6 97.1 97.3 97.6 97.7 98.2 99.7 99.8 98.5 99.1 38.2 R1.1 98.6 99.2 100.0 GÊ 57.9 92.3 97.7 98.3 98.6 99.2 95.6 97.0 97.3 57.9 97.0 31.1 81.1 99.8 100.0 GE 12001 89.3 92.0 92.3 95.6 97.0 1000 57.9 57.9 97.3 97.3 97.3 C.F 38.2 89.3 89.3 92.0 95.6 91.1 92.3 97.0 97.1 38.2 000 1006 81.1 92.3 98.3 97.0 97.7 98.6 99.2 99.8 100.0 BR . 3 95.6 97.0 1005 38.2 98.6 99.2 97.7 GĒ 57.9 RI.I A9.3 92.0 92.3 95.6 97.3 GE 566 *1.1 92.0 99.2 100.0 300 38.2 98.3 99.2 100.0 6£ 57.9 98.6 91.1 92.0 98.6 92.3 89.3 99.2 99.8 100.0 GE ioni 81.1 FOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/HAC STATION NUMBER: 464380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAY HOURS (LST): 0900-1100 LILING VISIBILITY IN HUNDREDS OF HETERS 61 GE GĒ GE SE GE GF GÉ GE GF GF GF GE GE FECT | 160 90 80 60 48 40 32 24 20 16 12 10 8 47.2 NO CETL 13.2 31.3 53.2 55.9 56.3 60.8 61.8 62.7 62.8 63.1 63.6 63.6 63.0 63.0 6E 180001 34.1 52.6 69.6 69.9 70.4 13.6 59.3 63.4 79.6 71.0 71.3 71.9 71.9 62.9 68.3 72.1 59.5 34.2 53.U $\frac{71.3}{71.3}$ 68.6 72.1 13.6 63.2 63.6 71.6 72.4 68.6 70.7 70.9 72.1 69.3 13.6 79.9 70.1 SE 120001 60.3 70.6 73.1 77.2 CE 10000 15.0 38.0 57.7 64.2 68.0 68.5 73.6 74.8 77.2 75.8 78.2 76.0 78.4 76.4 76.7 77.2 77.5 76.0 9000 | 8000 | 7000 | 70.4 76.8 79.1 79.6 15.6 60.0 66.5 79.6 79.9 72.3 79.2 79.3 80.2 GF 16.3 40.5 61.7 68.3 72.7 80.3 80.8 81.0 81.6 80.3 80.5 80.9 81.8 61.8 82.0 6000 79.3 40.5 68.3 72.3 72.7 80.3 80.5 80.9 97.0 97.2 97.6 98.4 5000 57.1 78.4 85.0 89.0 89.4 94.6 96.0 97.9 98.4 98.7 96.0 97.0 97.2 33.5 4500 98.4 57.1 98.7 40001 ř.ř 79.3 86.0 0.00 90.4 95.6 95.8 98.0 98.2 98.3 98.6 99.4 98.2 99.0 35un 86.1 90.1 90.5 98.7 99.6 99.9 90.5 95.8 98.2 3000) 79.5 86.1 90.1 2500 33.5 57.9 79.6 90. 90.7 98.3 98.4 98.9 99.2 99.7 99.7 100.0 zconi 33.5 33.5 90.2 90.7 98,4 99.2 99.7 99.7 86.5 100.0 57.9 6 TROOT 79.6 86.3 90. 90.7 95.9 97. 98.3 99.4 98.9 100.0 98.9 99.7 1500 57.9 79.6 86.3 90.2 90.7 95.9 98.3 100.0 12001 79.6 98.3 33.5 86.3 90. 90.7 79.6 90.7 98.4 10001 33.5 57.9 86.3 90.2 95.9 98.3 99.7 100.0 99.7 100.0 1009 1708 ---33.5 57.9 90.2 90.7 98.3 98.9 99.2 GE 79.6 85.3 90.2 90.7 95.9 97.3 98.3 98.4 98.9 99. 700 90.2 97.3 99.4 98.9 99.2 99.7 \$5.5 57.9 79.6 86.3 90.7 95.9 98.3 99.7 100.0 6001 33.5 57.9 33.5 19.6 98.4 99.2 99.7 560 95.9 97.3 GE 4001 57.9 86.3 90.2 90.7 95.9 98.3 98.9 99.7 100.0 300 33.5 99.1 2001 86.3 90.2 90.7 95.9 98.3 94.4 98.9 99.2 99.7 100.0 Toni 90.2 79.6 99.4 99.2 90.2 90.7 95.9 97.3 98.5 98.9 99.7 100.0 TOTAL NUMBER OF OBSERVATIONS: 707

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1.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARARIA PERIOD OF RECORD: 77-84 VISIBILITY IN HUNDREDS OF METERS HONTH: MAY HOURS(LST): 1200-1400 CEILING GΕ GΕ GE GE GE FEET 160 90 80 40 _20 60 43 NO CETL I 22.6 36.7 48.4 50.2 50.5 52.4 52.9 46.0 52.6 52.9 53.1 53.1 53.1 53.1 53.4 GE ZUCUNI 53.0 55.8 57.9 58.2 60.5 60.9 61.2 60.7 60.9 61.2 61.2 61.4 61.2 SE 16000 42.0 53.4 56.2 58.6 61.6 61.6 61.6 58.3 60.9 61.1 61.4 61.4 61.6 61.6 61.6 61.6 61.8 140001 53.6 56.3 57.0 58.7 61.9 6E 12000 61.8 61.9 67.2 62.2 62.5 62.5 62.5 100001 45.6 57.6 26.5 60.7 63.2 62.9 65.6 65.7 66.0 66.0 66.2 66.2 66.2 66.2 66.4 66 900n 46.9 59.3 63.9 64.9 67.9 67.9 67.9 68.1 66.1 68.8 68.9 69.2 69.5 69.5 69.5 7000 47.6 63.9 66.4 69.5 69.6 27.9 60001 60.7 66.1 68 . A 68.9 69.2 69.5 69.5 69.5 50001 56.3 76.0 94.6 94.8 97.4 97.6 89.1 92.3 97.2 97.9 97.9 97.9 97.9 97.6 97.9 97.9 4560 97.2 97.9 98.0 400n 90.8 96.5 99.6 99.6 99.7 94.0 96.2 98.9 99.0 99.3 99.3 99.6 99.6 99.6 3500 94.0 99.3 99.7 25001 77.7 57.3 90.9 94.1 96.4 96.7 99.4 99.4 99.4 99.7 99.7 99.7 99.7 99.7 99.0 99.2 99.7 99.9 90.9 94.1 96.7 2000 99.0 99.9 1800 96.4 99.0 99.2 99.4 99.4 99.7 99.7 99.7 99.7 94.1 15001 57.3 77.1 90.9 99.9 12001 90.9 1000 57.3 91.1 91.1 91.1 77.8 77.8 96.5 96.8 99.3 99.3 94.3 99.2 99.6 99.6 99.6 99.9 99.9 99.9 99.9 100.0 57.3 57.3 96.8 9001 100.0 94.3 96.5 99.6 99.2 99.3 99.6 99.9 99.9 99.9 99.9 100.0 7001 99.6 100.0 99.6 99.9 99.9 รมตั 57.3 77.8 91.1 94.3 96.5 96.8 7.00 99.6 99.6 99.9 99.9 99.9 99.9 99.2 99.6 99.9 99.9 100.0 57.3 91.1 96.R 4001 96.5 99.6 99.9 99.9 100.0 300 99.3 99.6 99.9 99.9 99.9 G£ 2001 99.9 100.0 1001 57.3 17.8 91.1 96.5 96.8 99.2 1.00 4.00 00.0 00.0 99.9 99.9 91.1 96.5 96.8 99.2 99.6 90.0 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PEPIOD OF RECORD: 77-84 MONTH: MAY HOURS(LST): 1500-1700 VISIBILITY IN HUNDREDS OF METERS CEILING GE GΕ GE GE GE GE GE GE GE FEET 1 160 90 NO CETL I 28.7 37.4 41.1 41.7 44.0 44.D 45.0 45.4 45.6 45.6 45.6 45.6 45.6 45.6 45.6 54.0 54.0 54.0 53.8 54.0 54.0 54.0 54.0 54.0 54.0 54.0 GF 20000 49.6 52.2 52.2 53.4 54.0 54.0 43.3 48.6 SE 18000| GE 16000| 32.4 43.3 48.6 49.6 52.2 52.2 53.4 53.8 54.0 49.6 54.0 54.0 54.0 54.0 54.0 54.0 GE 14000 49.6 6E 10000 54.1 56.3 57.9 59.7 34.8 47.9 55.6 58.3 58.5 60.1 60.2 60.2 60.2 60.2 60.2 60.2 60.2 9000 49.8 51.1 57.8 36 - 1 61.0 62.7 62.1 64.7 62.8 62.8 62.8 62.6 64.7 7000 60.2 65.5 5000T 95.1 95.2 95.8 95.9 5000 89.0 89.1 91.7 95.5 95.6 98.5 95.8 95.9 98.8 93.8 95.9 68.2 82.1 90.6 93.9 95.8 95.9 96.1 95.9 95.9 45001 96.1 69.8 84.2 98.8 99.0 93.3 96.7 96.8 98.0 98.8 99.0 3500 85.1 30001 70.5 92.7 94.3 99.0 99.9 99.9 100.0 100.0 100.0 100.0 85.1 GE 2500 70.5 92.1 92.1 92.1 97.7 97.7 99.9 99.9 94.3 97.8 97.8 99.0 99.6 99.9 99.9 100.0 100.0 100.0 100.0 20001 70.5 85.1 99.9 100.0 100.0 100.0 94. 100.0 99.0 99.6 100.0 100.0 100.0 100.0 100.0 85.1 12001 70.5 94.1 99.0 99.6 99.9 100.0 100.0 85.1 85.1 10001 99.9 92.7 100.0 100.0 100.0 100.0 9001 99.9 92.7 99.6 99.9 100.0 70.5 94.3 GF 97.7 97.A 89.0 90.9 100.0 100.0 100.0 100.0 7001 94.3 99.0 99.6 100.0 100.0 100.0 100.0 6001 70.5 100.0 92.1 99.0 500 70.5 85.1 91.7 4001 85.1 100.0 100.0 100.0 100.0 3001 70.5 42.7 64. 07.A 99.6 79.9 99.0 100.0 100.0 100.0 100.0 2001 99.9 94.3 100.0 100.0 100.0 100.0 inai 100.0 701 99.0 99.9 99.9 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAY HOURS(LST): 1800-2000 NG VISIBILITY IN HUNDREDS OF METERS 61 БĚ Ŀξ GΕ GΕ IN FEET GE GE GΕ GE 1 160 90 8.0 60 40 20 12 10 0 NO CLIL T 24.5 33.3 37.1 39.4 41.8 41.9 41.9 41.9 38 - 3 39.7 40.6 41.5 41.9 41.5 27.0 58.4 GE 20runi 45.4 44.4 46.6 46.9 47.9 49.0 49.0 49.3 49.4 49.4 49.4 49.4 49.4 00 180001 27.0 38.4 43.0 49.0 49.0 49.3 49.4 49.4 44.4 46.6 46.9 47.9 49.4 49.4 GE 14000 49.0 49.3 50.0 38.4 46.6 GE 120001 27.1 43.7 45.2 47.7 48.7 49.7 50.1 50.1 50.1 50.1 50.1 53.2 55.3 58.5 51.8 53.8 53.2 53.2 53.2 GE 1000nl 29.7 50.4 50.7 52.8 52.8 53.1 53.2 41.3 46.8 48.2 GE_ GE 9000 29.8 48.5 50.3 52.8 54.8 59.0 55.1 56.5 42.7 52.5 58.5 58.5 56.7 58.5 70001 60001 91.6 93.0 95.7 92.8 94.3 97.4 94.6 94.6 94.6 GF Sport 67.3 81.2 87.2 89.0 91.3 94.0 94 - 1 94.4 94.6 94.6 4500 81.8 96.0 95.6 96.0 96.0 68.8 90.0 98.7 99.1 92.8 98.5 99.0 99.3 99.3 99.4 83.4 90.0 95.5 99.0 30001 90.5 GE GF GF 83.6 83.7 83.7 250n l 93.3 97.8 97.9 97.9 96.2 96.3 99.4 99.6 99.7 68.9 90.5 95.9 99.0 99.1 99.7 99.7 99.9 99.1 99.3 100.0 TROOT 69.1 90.6 93.4 96.0 7 . 49 99.6 99.7 99.9 99.9 99.9 100.0 83.7 96.0 100.0 12001 69.1 90.6 96.0 97.9 99.1 99.3 99.6 99.1 99.9 99.9 100.0 1000 64.1 83.7 99.3 99.3 99.6 99.7 99.9 99.9 90.6 93.4 96.0 96.3 97.9 99.1 99.9 100.0 99.1 1009 1008 96.0 96.3 69.1 83.7 90.6 100.0 90.6 96.3 97.5 99.6 99.9 99.9 700 90.6 99.9 100.0 96.0 Trua 59.1 A 3 . 7 90.0 97.9 99.1 99.6 99.7 99.9 83.7 83.7 83.7 99.9 99.9 99.9 97.9 99.1 99.3 99.7 99.9 5001 69.1 90.6 93.4 96.0 96.3 99.6 99.9 100.0 40n j 99.6 93.4 99.9 100.0 90.6 96.0 97.9 99.3 99.9 űÊ 69.1 90.6 96.0 96.3 99.1 99.7 99.9 2001 99.6 99.9 90.6 96.0 96.3 99.1 100.0 96.0 99.7 GE TOOL 69.1 83.7 69.1 83.7 90.6 93.4 96.3 97.9 99.1 99.3 99.6 99.7 100.0

TOTAL NUMBER OF OBSERVATIONS:

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GLUHAL CLIMATOLOGY BRANCH PERCENTALE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA MONTH: MAY HOURS (LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS CEILING 51. GE 32 GE GE GE 24 FLET 160 90 80 40 20 60 48 10 NO CETL T 28.9 23.1 34.5 35.1 36.5 36.5 37.8 38.4 38.7 38.7 39.0 39.0 39.2 39.2 39.3 25.6 25.6 25.6 6F 20000 32.5 39.3 39.9 41.7 44.0 44.3 44.5 44.6 GE 180001 39.9 44. 44.5 32.5 39.3 44.0 44.0 44.3 44.5 44.6 44.3 44.6 44.5 GE 14000 33.1 44.5 44.9 44.5 44.5 44.6 44.0 44.0 GE 12000 26.2 6E 1000n 29.0 49.6 47.6 49.9 50.2 49.9 50.1 50.1 GE 9000 30.5 50.7 56.1 30.0 46.1 47.1 48.9 56.1 56.3 50.4 40.5 49.3 52.3 7000 56.3 40.6 49.6 50.7 52.6 52.6 54.6 55.5 56.0 56.0 56.3 56.6 56.6 ĠĖ 6000 33.1 40.6 50.7 56.0 56.3 56.6 56.7 5000 93.2 91.3 95.4 96.8 97.1 97.3 97.5 97.3 4500 96.8 97.5 97.5 73.8 90.7 91.8 93.7 97.2 97.2 4600 3500 99.0 99.0 91.8 92.8 98.8 99.1 74.2 82.5 94.7 94.7 96.9 97.9 98.4 98.4 98.8 99.1 99.3 30001 98 . 8 25001 74.8 83.1 92.3 93.4 95.3 95.3 97.5 99.0 98.5 99.0 99.7 99.4 99.4 99.7 99.9 95.4 99.1 100.0 TADTI 83.1 T, F 74.3 92.3 93.4 99.9 15001 74.8 83.1 92.3 93.4 95.4 99.1 99.6 99.6 95.4 97.6 98.7 99.1 1200 1000 74.8 83.1 93.4 99.6 99.9 99.9 99.9 100.0 9001 GE 74.8 92.3 95.4 99.1 99.1 99.9 95.4 97.6 00.1 Boni 99.1 98.7 99.6 99.6 100.0 95.4 99.1 7001 74.8 83.1 92.3 97.6 99.9 100.0 100.0 GE 500 92.3 98.7 99.1 97.6 99.1 99.6 99.6 99.9 100.0 99.9 92.3 93.4 95.4 97.6 99.1 99.1 GE 4001 74.8 100.0 74.8 GF 3001 99.6 99.6 99.9 99.9 99.7 100.0 CE 2001 74.8 83.1 92.3 93.4 95.4 95.4 97.6 99.1 Toni 97.6 99.1 98.7 99.6 99.6 99.0 83.1 93.4 95.4 97.6 99.6 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: MAY HOURS(LST): VISIBILITY IN HUNDREDS OF METERS CEILING IN I FEET I ĞΕ GE 32 GF GE GF GE 90 40 NO CEIL I 40.1 42.2 44.1 46.7 21.6 52.2 44.3 47.0 47.1 47.3 47.6 . .1 46.1 47.6 47.8 47.4 GF 20000 23.5 35.9 45.3 50.1 53.1 53.3 53.5 53.7 54.1 50.4 52.4 53.8 54.B 54.2 GE 18000 . 0 36.0 50.3 50.5 52.5 53.5 53.6 53.6 53.8 53.9 53.9 54.2 54.2 36.0 50.3 54.3 6E 14000 23.6 48.0 50.3 50.5 54.9 53.2 53.9 53.9 54.5 55.0 46.1 GE 100001 39.5 54.9 57.9 58.6 59.0 25.9 49.8 52.5 55.1 57.2 58.3 58.4 58.7 59.0 59.2 GE 90001 51.9 54.3 57.3 57.5 6D.1 60.3 . 0 41.2 63.5 63.6 64.3 64.5 52.4 7000 | 6000 | 43.3 60.3 63.6 60.6 64.0 64.7 50001 • 0 60.8 75.3 86.8 89.8 92.4 95.7 92.7 95 . D 96.1 96.2 96.5 96.6 96.9 96.9 97.1 75.5 77.0 88.7 90.0 92.7 96.9 98.9 97.2 4500 95.3 96.5 96.7 97.4 4000 62.0 94.9 28 . n 99.3 94.7 35pp 99.5 GΕ 25001 77.3 95.1 62.3 A9.2 92.4 98.5 99.7 95.3 97.7 98.9 99.0 99.2 99.4 99.7 99.9 2000 1800 92.4 95.4 98.6 99.3 99.5 100.0 100.0 1.00 62.3 89.3 92.4 95.1 100.0 1200 99.3 1000 .ō 95.1 6E 89.3 95.4 99.3 99.3 99.5 99.5 99.5 99.8 99.8 97.8 97.8 98.6 99.0 99.0 99.1 99.8 100.0 9001 62.3 89.3 92.4 100.0 POR 99.3 62.3 95.1 95.4 98.6 99.0 99.3 99.8 700 l 100.0 100.0 *un] 62.3 77.4 89.5 95.1 92.4 95.4 97.8 98.6 99.11 99.3 99.5 99 . A 99.8 99.1 100-0 62.3 89.3 89.3 95.4 98.6 99.1 99.1 99.3 99.5 4001 .0 100.0 300 99.6 98.6 GE 2001 ٠0 89.3 95.1 99.8 100.0 1001 99.8 99.0 99.5 67.3 R9.3 100.0 ***************************** TOTAL NUMBER OF OBSERVATIONS:

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G.

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUN HOURSILSTI: 0000-0200 VISIBILITY IN HUNDREDS OF METERS Т 6 E GE GE GË GE GE ĞĒ GE GE GE GE 160 60 40 32 80 12 10 NO CEIL I • 2 26.1 32.9 35 • 6 37.1 38.8 39.1 41.5 42.0 42.8 42.8 43.0 43.D 43.0 43.Q 43.1 GE 207UN 26.7 32.9 35.6 37.1 38.8 39.1 41.5 42.0 42.8 42.8 43.0 43.0 43.0 43.0 43.1 39.3 42.2 35 · 8 35 · 8 37.2 37.2 39.0 43.0 43.0 43.1 43.1 43.1 33.1 GE 16CUO 26.8 39.0 43.1 43.1 14000 26 • 8 27 • 0 35.8 43.0 43.3 39.0 39.3 41.7 42.2 43.0 43.1 43.1 43.1 43.1 GE 120001 43.5 39.5 43.1 43.3 GE LONGO! 27.0 33.2 35.9 37.4 39.1 41.9 42.3 43.1 43.3 43.3 43.3 43.5 . 2 9000 43.5 43.5 28.1 43.0 44.4 80071 37.1 38.5 40.3 44.2 44.4 44.4 GΕ . 2 34.3 40.6 44.2 44.4 44.6 44.6 БE 60001 .2 28.1 34.3 37.1 38.5 40.3 40.6 43.0 43.5 44.4 44.4 44.2 94.6 GE ומטספ . 2 89 ·5 -93.6* 98.1 99,4 83.2 92.2 95.4 95.7 98.6 39.4 99.5 99.5 99.8 99.5 99.5 99.8 99.5 99.5 99.3 99.8 100.0 4000 . 2 83.5 89.8 92.5 93.9 95.7 96.0 98.4 98.9 99.7 99 •7 99 8 GE. 3 00 nl 77.8 89.8 92+5 92+5 93.9 95.7 96.0 188:8 8 3.5 99.8 99.8 25 onl 12000 l GE GE 95.7 96.0 98.4 98.9 **99.** ፲ -33: 7 88. 8 88:8 188 B 88-81-88-8 98 19 98, 9 GĒ 18 001 83.5 83.5 89 .8 87.8 92.5 9 3.9 98.4 99.7 99.7 188 8 22.9 91.9 96. 96.0 98.9 GE 12 001 83.5 89.8 99.7 93.9 96 .0 98.4 99.7 95 -7 99.8 99.8 00 0 99.8 99.8 GΕ 99.8 10001 83.5 99.8 • 2 89. A 92.5 93.9 95.7 95.7 96.0 98.4 99 . 8 99 . 8 99 . 8 . 8 99.8 100.0 99 7 99. 7 99. 7 98.9 99.7 9001 83.5 83.5 89.6 92.5 GΕ . 2 89.8 92.5 93.9 9 6 . 0 98.4 98.9 99.7 00.0 700 6 on 89.8 99 -9 98.9 99 . 100 . 0 83.5 89.A 92.5 93.91 95.1 96.0 99.7 99.7 94. 6 99.8 99 % GΕ *5 001 •• ? 93.5 ** 92 5 89.8 9 3,9 7 100.0 95.7 96.0 198.41 98.9 99.7 199.7 94.8 99.8 99.8 99.8 auni 3 oni 83.5 83.5 A9. F 96.0 98.4 99.7 99.7 93.9 98.9 98.9 99 '8 99.8 99.8 GE 89 .8 92.5 95.7 99.8 100.0 GE 99. 99_7 99.8 99.8 99.8 96.0 100.0 98.9 99.7 99 •7. 99 .8 GF n I ... 83.5 89.8 92.5 91.9 95 .7 96.0 89.7 99.7" 99.8 100.0 99.8 99.8 99.8 TOTAL NUMBER OF OBSERVATIONS: 626

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOSAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/HAC STATION NUMBER: 404360 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUN HOURS (LST): 0300-0500 ******************* VISIBILITY IN HUNDREDS OF METERS
GE GE GE GE G CEILING GF GF FEET 90 80 60 48 40 32 10 12 0 31.3 37.8 42.2 NO CETL T 44.7 46.9 46.6 49.7 50.2 50.6 50.6 50.6 50.6 50.6 GE 20000 31.4 38.0 42.3 44.8 47.0 50.3 50.3 50.8 46.7 49.1 49.8 50.8 50.8 50 - B 50.8 66 18000 66 16000 38.0 38.0 44.8 47.D 49.1 50.3 50.3 50.8 50.8 50.8 50.8 50.8 46.7 49.8 42.3 44.8 6F 14000 31.4 38.0 46.7 50.3 50.8 50.8 50.8 50.8 31.6 GE 12000 50.0 6<u>6 1000</u>6 51.1 51.1 52.2 51.1 51.1 52.2 51.1 51.1 52.2 31.6 38.1 38.1 45.2 47.0 47.0 50.2 50.6 50.6 51.1 51.1 52.2 47.3 49.4 51.1 GE 45.2 47.3 50.2 50.6 50.6 51.1 ennni 31.6 42.7 8000 50.5 38.4 50.5 20001 31.9 46.1 4A.1 48.4 52.2 52.2 52.2 51.7 60001 97.3 97.3 98.3 5001 78.8 85.3 90.0 95.0 93.0 95.3 98.1 98.6 99.1 98.6 99.1 99.1 99.1 99.1 85.3 93.8 95.0 95.8 95.3 98.1 99.1 98.6 98.6 99.1 99.1 99.1 GE 45001 78.8 90.0 100.0 100.0 96 · 1 79.2 93.8 98.3 98.3 99.1 99.5 GΕ 35001 85.9 90.4 95.8 100.0 100.0 3000 99.5 100.0 100.0 100.0 100.0 2500 79.2 79.2 99.5 99.5 99.5 100.0 GE 85.9 96.1 98.3 99.1 100.0 100.0 100.0 96.1 98.3 99.5 90.8 93.8 95.8 100.0 1400 55.1 90.8 93.8 99.1 100.0 100.0 100.0 100.0 96.1 96.1 99.1 GE 15001 79.2 85.9 90.8 93.8 95. 98.3 99.5 100.0 100.0 100.0 **70.8** 100.0 100.0 100.0 100.0 100.0 וחטחו 79.2 90.8 95.8 98.3 99.1 100.0 100.0 100-0 G€ 85.9 93.8 96.1 99.5 100.0 100.0 90.8 95.8 900 79.2 85.9 93.8 99.5 100.0 100.0 100.0 100.0 800 85.9 96.1 98.3 99.1 99.5 93.8 100.0 100.0 100.0 100.0 100.0 GF 7001 79.2 85.9 90.8 95.8 99.1 99.5 100.0 100.0 100.0 100.0 100.0 70.A 6011 96.1 98.3 100.0 100.0 100.0 100.0 79.2 100.0 500 85.9 90.A 93.8 93.8 95.A 96.1 OA . 3 99.1 99.5 100.0 100.0 99.5 100.0 100.0 GF 4001 79.2 90.8 95.8 98.3 99.1 99.5 99.5 100.0 100.0 100.0 100.0 100.0 3001 79.2 85.9 93.8 96.1 100.0 100.0 100.0 100.0 100.0 79.2 90.8 GF 2001 100.0 100.0 100.0 100.0 100.0 90.8 1001 85.9 93.8 95.8 96.1 98.3 99.1 99.5 99.5 100.0 100.0 100.0 100.0 100.0 ΒE 71 79.2 OIL A 95.A 99.5 100.0 100.0 100.0 100.0 100.0 85.9 OT. R 76.1 OA. T 00.1

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS GLORAL CLIMATOLOGY BRANCH USAFETAC ATP STATHER STRVICEZMAC PERIOD OF RECORD: 77-84 MONTH: JUN HOURS(LS STATION NUMBER: 434380 STATION NAME: 417AUH SAUDI ARABIA HOURS(LST): 0600-0800 VISIBILITY IN HUNDREDS OF METERS CEILING FEET GF 24 TE 5E 32 GE ЯU 60 46 40 10 20 16 12 5 O 17.8 42.6 --NO CETE | -63.7 71.0 76.5 **95.1** 87.0 87.0 87.0 87.0 GE 180001 42.7 18.0 63.6 71.2 76.7 16.7 83.9 95.3 95.3 81.4 85.4 87.2 87.2 87.2 18.0 76.7 87.2 86.9 GE 14000 18.0 47.7 63.8 71.2 76.7 81.4 87.2 18.0 76.7 76.7 81.4 83.9 95.3 85.4 86.9 87.2 87.2 87.2 87.2 87.2 SE 120001 18:17 87.7 GE 10700 18.3 43.0 72.1 72.3 77.8 86.5 82.5 82.6 88.3 88.3 64.6 77.9 85.1 86.5 88.1 88.4 88.4 4.84 88.4 72.5 78.4 78.4 97.U 87.0 80001 18.6 43.3 54.8 7000 64.8 78.4 18.6 83.1 85.6 87.2 88.9 88.6 88.9 88.9 88.9 GE 6000 18.6 54.8 88.9 नागा 29.4 29.4 54.1 75.6 75.6 83.3 89.2 89.2 89.2 93.9 96.4 99.7 97.8 97.8 98.0 99.7 99.7 99.7 4500 99.4 99.7 4000 29.4 29.4 54.1 100.0 100.0 100.0 75.7 35001 54.1 83.4 89.4 98.1 98.3 98.3 100.0 89.4 94.2 96.7 99.7 100.0 100.0 100.0 27.4 30001 100.0 100.0 100.0 SOF 29.4 29.4 100.0 100.0 100.0 100.0 78.1 2000 54.1 75.7 85.4 94.2 98.3 98.3 100.0 89.4 89.4 96.7 9R.1 99.7 100.0 100.0 100.0 100.0 29.4 29.4 75.7 75.7 -13001 54.1 85.9 89.4 100.0 100.0 100.0 15001 6€ 54.1 85.4 98.3 98.3 89.4 89.4 94.2 96.7 98.1 99.7 100.0 100.0 100.0 1200 100.0 100.0 100.0 100.0 10001 | 000 29.4 29.4 54.1 54.1 75.7 89.4 89.4 100.0 100.0 83.4 89.4 96.7 98.1 78.3 98.3 100.0 94.2 GE 98.1 99.7 100.0 100.0 116 timi 79.4 54-1 75.7 100.0 100.0 100:0 100.0 29.4 7001 54.1 75.7 83.4 89.4 υE 89.4 94.2 96.7 98.1 98.3 99.7 100.0 100.0 100.0 100.0 eunt 100.0 100.0 100.0 100.0 5001 4001 29.4 79.4 54.1 54.1 75.7 75.1 9R.3 9P.3 9R.3 98.1 100.0 100.0 100.0 100.0 94.2 83.4 96.7 98.1 6 E 89.4 89.4 99.7 100.0 100.0 100.0 29.4 54.1 ut 100 75.7 98:1 100.0 100.0 100.0 100.0 200 6E 75.7 83.4 89.4 89.4 94.2 96.7 98.1 98.3 99.7 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 98.1 99.7 100.0 100.0 100.0 100.0 TOTAL NUMBER OF USSERVATIONS:

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GLOBAL CLTHATOLOGY GRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUN HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS CFILING GE 24 GE GE σε 32 FEET 90 80 20 160 60 40 NO CETE 1 75.9 76.6 11.2 11.2 77.0 77.0 77.5 77.5 77.5 GE 200001 76.0 76.0 77.5 77.5 77.5 57.7 57.7 73.4 76.2 77.5 70.2 75.1 76.9 75.1 75.1 76.2 76.2 76.9 16.2 36.7 64.0 70.2 GE 16000 76.0 77.0 GE 140001 76.0 76.0 16.2 36.7 57.7 64.0 70.2 73.4 76.2 GE TZNOU GE 10000 SE 9000 58.2 58.2 70.6 70.6 71.2 73.8 73.8 74.4 75.6 75.6 76.2 76.5 76.5 77.0 76.6 76.6 77.2 77.3 77.3 77.9 77.5 77.5 78.1 77.9 77.9 78.5 37.0 37.0 64.5 77.9 77.9 77.9 78.5 16.5 90001 16.5 षण्यय 70.3 GE 70001 37.3 77.0 16.8 58.5 64.8 70.3 98.5 98.5 98.7 99.3 99.3 GE 50001 38.2 38.2 58.6 95.8 49.9 79.8 91.7 92.5 99.9 98.4 99.4 86.1 100.0 4000 100.0 91.8 100.0 97.7 35 an i 91.8 6E 38 . 3 58.8 80.0 86.3 92.7 95.9 98.5 98.7 99.4 100.0 100.0 100.0 100.0 25001 20001 91.8 91.8 91.8 58.8 80.0 86.3 100.0 GE GE 100.0 100.0 38.3 86.3 92.7 95.9 98.7 99.4 80.0 98.5 1800 #U.U 78.5 100.0 100.0 100.0 GΕ 1500 38.4 58.8 RD.O 86.3 92.7 100.0 100.0 100.0 100.3 38.3 58.8 GE 100.0 100.0 92.7 100.0 91.8 98.7 98.7 99.4 99.4 99.6 9001 80.0 86.3 95.9 98.5 78.5 100.0 100.0 100.0 GE 700 92.7 95.9 98.5 98.5 98.7 98.7 38.3 58.8 80.0 86.3 91.8 99.6 100.0 100.0 100.0 100.0 59.8 58.8 58.8 F0.0 100.0 100.0 100.0 GE 38.3 80.U 86.3 91.8 92.7 95.9 95.9 99.7 98.7 99.4 99.6 4001 98.5 100.0 30n j 77.7 78.5 100.0 100.0 100.0 99.6 100.0 GE 2001 38 . 3 58.8 90.0 86.5 91.8 92.7 98.5 78.5 100.0 100.0

TOTAL NUMPER OF OBSERVATIONS:

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GLUGAL CLIMATOLOGY REANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICEZMAC STATION NUMBER: 404380 STATION NAME: RIVACH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUN HOURS(LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CEILING 5E 32 GE 20 90 FEET 160 80 60 40 48 24 16 12 10 5 o NO CETE I 22.6 37.9 51.3 53.5 56.1 57.7 58.3 58.3 58.3 <u>se 20000</u> 58.3 58.3 58.3 37.9 37.9 53.5 57.4 57.4 58.2 58.2 GE 18000 22.6 51.3 54.2 57.7 58.2 58.3 47.2 56.1 58.3 GE 16000 22.6 58.3 SE 140001 37.9 54.2 58.2 51.3 53.5 56.1 57.4 57.4 57.7 58.2 58.3 58.3 5E 120001 22.7 GE 10000 23.5 52.3 52.3 55.2 55.2 57.1 58.5 58.5 59.2 59.3 59.3 59.3 59.3 59.8 9000 38.9 48.3 54.5 58.5 58.7 59.2 59.6 59.3 59.8 GE 8000 23.5 39.2 48. 59.6 ſşĘ 7000 48.7 55.0 58.9 52.8 55.7 57.6 58.9 59.2 59.6 50.R 59.9 50.0 6000 GE 5000 4500 63.4 79.2 19.2 88.8 88.8 92.9 95.0 95.8 97.7 99.0 99.0 99.3 99.7 99.7 99.9 99.9 99.7 99.9 nr. वराउरा 100.D 100.0 100.0 99.1 GΕ 3500 19.3 93.0 99.1 99.9 63.6 88.9 95.2 95.9 97.8 99.1 99.4 00.0 100-0 100.0 100.0 100.0 100.0 GE GE 25001 2000 79.3 93.0 97.8 97.8 99.4 99.9 100.0 100.0 100.0 98.5 95.9 99.1 99.1 88.9 88.9 93.0 99.1 99.4 99.9 99.9 100.0 63.6 95.2 95.9 100.0 100.0 UE 1800 100.0 100.0 SF. 1500 63.6 19.3 88.9 93.0 95.2 95.9 97.8 99.1 99.1 99.4 99.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 63.6 79.3 100.0 GE GE 93.0 99.1 99.1 99.4 99.9 95.9 97.8 100.0 100.0 900 99.1 99.4 99.4 99.9 93.0 95.2 97.8 100.0 93.0 95.9 97.8 99.1 100.0 100.0 100.0 65 7001 19.3 79.3 88.9 93.0 95.2 95.9 97.8 99.1 99.1 99.9 99.9 100.0 100.0 100.0 100.0 100.0 4B.9 93.0 95.2 95.9 99.4 99.9 100.0 100.0 100.0 99.1 63.6 63.6 19.3 79.3 A8.9 93.0 97.8 97.8 99.1 99.4 99.9 99.9 100.0 100.0 100.0 6 E 4601 7011 100.0 97.8 99.1 100.0 GE 2001 79.3 R8.9 93.0 100.0 N8.9 93.0 100.0 100.0 99.9 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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SLOSAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/HAC PEPIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA HOURS(LST): 1500-1700 MONTH: JUN CEILING VISIBILITY IN HUNDREDS OF HETERS
TH I 57 GE GE GF GE GE GE GE GE GE CEILING GF GE ĞĒ GF IN FEET GE 32 40 20 10 90 60 24 16 12 160 80 48 53.D 53.0 34.5 48.2 48.2 50.7 51.5 52.6 52.7 53.0 53.0 53.0 NO CEIL T GE 200001 51.5 53.4 53.6 53.9 53.9 53.9 53.9 SE IADUDI 25.4 35.2 47.7 49.1 52.4 53.6 53.9 49.1 53.9 GE Teroni 45.3 47.7 49.1 51.5 52.4 53.4 53.6 53.0 53.9 53.9 53.9 25.4 49.1 53.4 GE 140001 35.2 45.3 47.7 49.1 52.4 53.9 53.9 GE 120001 53.6 54.0 54.0 GE 100001 55.5 55.6 55.8 55.0 55.2 55.5 55.5 55.5 55.6 26.4 36.8 46.9 49.3 50.7 50.7 53.1 54.0 55.5 55.6 **800ल** 55.5 55.4 55.8 76. 6.F 70001 26.7 37.1 47.2 49.6 50.9 50.9 53.4 54.3 55.3 55.8 55.8 55.8 60001 99. 99.3 50001 70.2 93.1 99.3 GE 45001 70.2 80.6 90.7 94.5 94.5 96.9 97.8 98.8 99.0 99.3 99.3 99.3 99.3 99.3 70.4 91.2 99.4 99.6 99.9 99.9 99.9 99.9 99.9 99.6 97.5 99.9 35001 70.4 80.9 91.2 93.7 95.0 95.0 98.4 99.4 99.9 99.9 99.9 99.9 100.0 30001 70.5 95.2 98.5 2500) 2000] 93.9 97.7 99.6 99.7 70.5 BI.D 91.4 95.2 100-0 100.0 100.0 100.0 100.0 91.4 97.7 100.0 16001 70.5 81.0 15E 1500 70.5 81.0 91.4 93.9 95.2 95.2 97.7 98.5 99.6 99.7 100.0 100-0 100.0 100.0 100-0 1200 70.5 98.5 99.6 100.0 100.0 100.0 100.0 1000 70.5 71.4 95.2 81.0 93.9 95.2 97.7 960 900 91.4 93.9 95.2 95.2 98.5 99.6 100.0 100.0 81.0 95.2 97.7 99.7 100.0 100.0 100.0 70.5 81.0 778 95.2 700 70.5 81.0 91.4 93.9 95.2 97.7 98.5 99.6 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 600 l 91.4 GE 70.5 81.0 93.9 75.2 Stitut 711.5 91.4 95.2 95.2 98.5 99.7 100.0 100.0 100.0 100.0 100.0 GE 91.4 98.5 4001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.7 IJΕ 3001 70.5 81.0 93.9 75.2 99.7 2011 95.2 95.2 97.7 99.6 100.0 100.0 100.0 100.0 100.0 100.0 Ç1 1001 70.5 81.U 91.4 93.9 95.2 95.2 98.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 99.7 To F 771 70.5 RIAD 91.4 01.0 95.2 TOTAL NUMBER OF OBSERVATIONS: 685

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY USAFETAC ATH WEATHER SERVICE/MAC PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA MONTH: JUN HOURS(LST): 1800-2000 CEILING VISIBILITY IN HUNDREDS OF METERS CEILING FEFT GF. GE GE GF T.F GE GE 7.1 GF GE GE GE 32 98 24 40 20 6 U 48 10 16 12 36.4 NO CETL I 23.8 43.8 46.0 48.0 48.6 50.6 51.5 52.0 52.6 53.2 53.2 53.4 53.4 51.4 6E 20000 37.0 37.0 24.4 44.4 46.6 48.6 49.2 51.2 52.1 52.6 51.2 53.8 53.8 54.0 54.0 53.2 53.2 54.0 54.0 54.0 54.0 74.4 5 b . b 3E 1600A1 37.0 46.6 40.6 40.7 51.2 52.1 52.6 53.8 53.8 37.0 46.6 49.2 48.6 51.2 52.1 52.6 53.4 53.8 53.8 54.0 54.0 54.0 GE 12000 74.5 37.2 EA.A SE LONGO 37.8 38.1 47.4 49.4 53.4 54.0 54.3 54.7 54.6 54.9 55.3 54.6 54.9 55.3 25.0 50.0 52.0 54.7 55.0 54.7 55.0 54.7 9000 25.3 45.4 50.3 53.2 6A. A 17 (1 (1 25.6 **TR.** 4 50.2 50.8 53.7 54.1 7000 48.5 51.1 53.0 54.0 55.0 55.0 55.6 55.8 55.8 60001 75.8 38.6 86.7 48.5 55.4 94.1 511011 69.4 82.2 89.8 92.1 92.1 94.7 98.0 98.6 98.6 90.4 89.8 94.1 94.7 96.6 97.6 98.0 99.2 99.2 99.4 5F 41111111 69.7 82.6 90.4 92.7 94.7 95.3 98.7 99.2 99.8 99.8 100.0 100.0 100.0 3500 69.7 82.6 90.4 94.7 97.3 98.2 98.6 99.2 99.8 99.8 100.0 100.0 100.0 3000 54. 70.4 100.0 णा. य 25UU 1 79. 92.7 97.3 99.2 2000 69.7 82.6 90.4 94.7 95.3 98.2 98.6 99.8 99.8 100.0 100.0 100.0 92.7 GF 18001 69.7 82.6 90.4 94.7 98.6 1500 69.7 99.2 82.6 90.4 94.7 95.3 97.3 98.2 98.6 99.8 99.8 100.0 100-0 100.0 GF 1200 5V. 100.0 1000 960 69.7 90.4 92.7 95.3 97.3 98.6 99.2 99.8 100.0 100.0 90.4 98.2 99.8 94.7 100.0 100.0 100.0 92.7 97.3 GΕ 8001 69:7 87.6 70.4 94.7 75.3 OR. B 99.2 99.8 100.0 700 69.7 82.6 90.4 94.7 95.3 98.6 99.2 98.2 99.8 99.A 100.0 100-0 100.0 Ġξ 50ग1 69.7 82.6 70.4 94.7 99.8 69.7 99.2 5.17 90.4 92.7 95.3 97.3 98.6 100.0 400 82.6 90.4 94.7 98.2 99.8 99.8 100.0 100.0 100.0 Ü 300 69. 82.5 90.4 200 90.4 92.7 94.7 95.3 97.3 98.2 98.6 99.2 99.8 99.A 100.0 100.0 100.0 1001 67:1 87.K 90.4 99.6 100.0 100.0 100.0 97.3 TOTAL NUMBER OF OBSERVATIONS: 656

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS(LST): 2100-2300 MONTH: JUN CEILING VISIBILITY IN HUNDREDS OF METERS GE 32 FEET 80 20 160 913 60 4 A 40 NO CETE 1 29.4 36.9 43.9 47.2 48.0 48.D 48.3 48.3 48.3 48.3 48.3 GE 200001 29.7 37.3 37.3 47.5 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6 41.5 42.8 44.2 44.5 46.1 48. 3 GE 16000 79. 48.6 47.5 48.6 42.8 44.2 46.1 GE 14PBD 48.3 48.6 GE 127611 42.8 42.8 E 1000n 43.7 45.1 48.4 48.9 49.4 49.5 50.0 50.5 47.D 49.2 49.2 49.7 49.5 49.5 49.5 49.5 44.2 45.6 49.7 50.2 50.5 50.5 50.0 50.5 50.0 90001 30.8 38.5 45.9 8000 48.0 50.2 44.8 46.2 46.5 48.1 49.5 50.3 50.3 6E 7000 31.5 39.0 43.4 50.6 50.6 60011 50.6 50.6 50.6 92.6 99.5 99.5 99.5 GE 5000 94.0 95.8 95.4 99.8 99.8 99.8 99.8 97.3 98.7 99.5 99.8 99.8 99.8 4500 94.0 94.0 95.4 95.8 95.8 97.3 97.3 98.7 99.5 99.8 99.8 99.8 80.5 88.2 99.8 SE 35001 80.5 88.2 92.6 94.0 95.4 95.8 97.3 99.5 25001 80.5 92.6 98.7 94.0 95.8 99.5 99.A 99.A 97.3 80.5 88.4 92.8 92.8 94.2 95.9 99.7 99.7 100.0 าสบก 95.6 98.9 100.0 100.0 100.0 100.0 100.0 98.4 92.8 94.2 95.9 GE 1500 80.5 98.9 100.0 80.5 1700 95.6 100.0 100.0 100.0 100.0 100.0 ากบา 92.8 92.8 92.8 100.0 100.0 80.5 88.4 94.2 95.9 98.9 100.0 100.0 100.0 98.9 900 80.5 95.9 100.0 99.7 99.7 100.0 75.6 97.5 100.0 100.0 100.0 100.0 88.4 94.2 GΕ 7001 80.5 92.8 95.6 95.9 97.5 99.7 100.0 100.0 80.5 **ह्या** 95.6 100.0 100.0 TOO.D 100.0 100.0 500 80.5 100.0 100.0 100.0 98.9 100.0 88.4 92.8 95.6 95.0 97.5 99.7 100.0 GE 460 300 80.5 88.4 92.8 95.6 99.7 100.0 100.0 100.0 74.2 97.5 99.7 95.9 98.9 100.0 100.0 100.0 100.0 100.0 200 80.5 100.0 100.0 100.0 100.0 AU.5 1001 85.4 94.2 58.9 00.7 ŪΕ 92.8 95.6 97.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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GLOGAL CLIMATOLOGY REARCH USAFETAC ATH WEATHER SEPVICE MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

		ION NUMBER: 4943EM STATION NAME: PTYADH SAUGT ARARIA										MONTH: JUN HOURS(LST): ALL						
CE	11.145									HUNDRED			• • • • • •	• • • • • •	••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	
	1:4	1 51	- 55	- 75	61	GE	G E	GE	GE	15 E	GE	7E _	GE	GE	GE	GE	GC	
	LET	1 160	9.5	AU	60	4.8	46	32	24	20	16	12	10	8	5	4	0	
• •	••••	• • • • • •	• • • • • • •		•••••	• • • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	
- NO	CETL	T .7	79.0	36.9	47.0	50.5	53.2	53.6	56.1	57.4	58.1	54.3	58.8	58.9	59.0	59.0	59.0	
υE	20000	1 .0	74.2	31.2	97.3	50.8	53.5	53.9	56.4	57.7	58.4	5R.6	59.1	59.2	59.3	59.3	59.3	
5 E	18000	1 .0	24 • 2	37.2	47.4	50.8	53.5	53.9	56.4	57.7	58.4	54.6	59.1	59.2	59.3	59.3	59.3	
- 15E	- 15000	11. 1.00	24.2	37.2	47.4	50.8	53.5	53.9	56.4	57.7	58.4	58.6	59.1	59.2	59.3	59.3	59.3	
9 E	14000	.0	24.2	37.€	47.4	50.8	53.5	53.9	56.4	57.7	58.4	58.6	59.1	59.2	59.3	59.3	59.3	
υE	15,000	1 1	79.3	37:3	47.5	51.0	- 53.6	54.0	56.5	57.8	58.5	5F.7	59.3	59.3	49.4	59.4	59.4	
	THEET		74.8	37.9	48.1	51.6	54.3	54.7	57.2	58.5	59.2	57.4	59.9	60.0	60.1	60.1	60.1	
	3000		24.9	38.€	48.2	51.8	54.5	54.9	57.4	58.6	59.4	59.5	60.1	60.1	60.2	60.2	60.3	
	מטסא יייי		75.2	38.4	48.6	57.7	55.0	55.4	50.0	59.2	59.9	60.1	60.7	60.7	60.8	60.8	60.8	
υE			25 • 2	39.4	48.7	52.3	55.1	55.5	58.U	59.3	60.0	67.2	60.7	60.8	60.9	60.9	60.9	
T OF	6000	1	~ ~ 2512	38.4	48.7	52.3	\$5.1	55.5	58.0	59.3	60.U	EU:5_	60.7	60.9	60.9	60.9	60.9	
υE	Sror		63.9	77.1	F7.4	91.0	93.8	94.2	96.7	98.C	98.7	98.9	99.4	99.5	99.6	99.6	99.6	
65				77.1	97.4	91.0	93.8	94.2	96.7	98.0	98.7	99.9	99.4	99.5	99.6	99.6	99.6	
- 65	9000	+	64:1		**************************************	91.3	94.1	- 94:5-	97.1	99.3	99.1	99.2	99.8	97.8	99.9	99.9	100.0	
3 c	3500	1 .0	64.1	77.3	A7.7	91.3	94.1	94.5	97.1	98.3	99.1	99.2	99.8	99.8	99.9	99.9	100.0	
- 5E	3000	4 -0	64:1	77.3	- 87.8-	91.4	_ 94.1	94.5	97.1	78.4	44.1	34:3	79.8	99.9	100.0	100.0	100.0	
- 68	2500	1 -0	54.1	77.3	H7.8	91.4	94.1	99.5	77.1	98.4	99.1	99.3	99.8	99.9	100.0	100.0	100.0	
'nΕ			64 - 1	77.4	A7.6	91.4	94.2	94.6	97.1	98.4	99.1	99.3	99.8	99.9	100.0	100.0	100.0	
			- 64:1	77.4	57.8	71.4	94.2	94.6	97.1	98:4	99:1	99.3	77.8	99.9	100.0	100.0	-100.0	
,, ,			44.1	77.4	87.8	91.4	94.2	94.6	97.1	93.4	99.1	99.3	99.8		100.0	100.0	100.0	
- '5F	1:00	1	-64-1	77.4	77.8	91.4	94.2	94.6	97.1	98.4	99.1	99.3	79.8	99.9	100.0	100.0	ם.ססנ	
51				77.4	117.8	91.4	94.2	94.6	97.1	98.4	99.1	97.3	99.8		100.0	100.0	100.0	
CE			64.1	77.4	87.8	91.4	94.2	94.6	97.1	98.4	99.1	99.3	99.8	99.9		100.0	100.0	
- 66	-				87.3	91.4	94:2	94 - 6	97.1	98.4	99.1	99.3	44.8		100.0		100.0	
6 F			64.1	77.4	87.8	91.4	94.2	94.6	97.1	98.4	99.1	90.3	99.8	99.9		100.0	100.0	
- 58	* FOT	17 17	24.1	77.4	97.8	71.4	94.2	94.6	97.1	98.4	99.1	. 44.3.	99.8	77.9	100.0	100.0	100.0	
GE			64.1	- 77.4	87.8	91.4	94.2	94.6	77.1	98.4	99.1	99.3	99.8	99.9	100.0	100.0	100.0	
GE				77.4	P7.8	91.4	94.2	94.6	97.1	98.4	99.1	99.3	99.B		100.0	100.0	100.0	
- 00		•	-		87.8	91.4	74.2	74.6	97.1	98.4	99.1	99.3	44.8		100.0		100.0	
- GE			64.1	77.4	A7.8	91.4	94.2	94.6	97.1	98.4	99.1	99.3	99.8	99.9		100.0	100.0	
- 65	136	tr in	64.1	77.4	#7.8	91.4	34.1.	94.6	97.1	98.4	44.1.	44. 2	44 <u>-8</u>	99.4	100.0	100.0	100.0	
13 F.	r	• 11	64.1	77.4	87.A	91.4	94.2	94.6	97.1	90.4	99.1	90.3	99.8	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5252

GLOBAL CLÍMATOLOGY BRANCH PERCENTÁGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VÍSIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR LEATHER SERVICE THAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PEPIOD OF PECORD: 77-84 HOURS(LST): 0000-0200 MONTH: JUL VISIBILITY IN HUNDREDS OF METERS CFILING GE 32 GÉ FEET 20 90 BI: 60 40 48 10 NO CETE T 27.4 31.2 34.9 35.9 36.0 36.0 36.5 36.6 36.6 36.6 36.6 36.6 36.6 36.6 36.8 GE 200001 GE 180001 GE 160001 36.6 36.6 27.5 36.8 36.8 36.8 36.2 36.2 36.8 36.8 36.8 36.9 16.8 35.1 35.1 36.2 36.8 36 · 8 36.8 36.8 36.0 36.2 36.8 36.8 36.9 36.9 aF 140a01 36.0 36.2 of recoul 28.6 32.5 37.2 37.5 37.5 38.0 39.1 3Ř.1 38.1 38.1 38.1 38.1 36.3 30.1 38.3 32.5 900.01 28.6 36.3 37.2 37.5 37.5 38.0 39.0 38.1 39.0 38.1 39.0 38.1 38.1 38.1 38.3 7000 10007 33.4 38.4 38.9 39.0 39.0 39.0 39.0 29.2 37.2 38.1 38.4 19.0 39.0 39.0 39.2 60001 39.G 39.0 50001 45001 89.7 89.7 93.9 97.7 98.6 98.9 98.9 98.9 99.5 99.7 99.7 99.7 99.7 99.8 99.8 100.0 GE GE 99.7 99.7 99.7 4000 99.1 99.8 99.1 35001 94.1 99.1 99.1 99.8 99.8 99.8 99.8 G E 89.9 97.9 98.8 99.7 99.8 99.8 100.0 25001 98.8 98.8 99.8 99.8 99.8 99.1 99.1 99.8 99.8 99.8 99.A 99.A 99.8 100.0 94.1 99.8 99.7 99.7 97.9 99.8 100.0 99.8 GE 18001 99.8 99.9 99.8 ar un l 94.1 99.1 99.8 99.8 99.8 99.8 99.8 99.8 100.0 GE 89.9 97.9 98.8 99.1 99.7 99.8 99.8 1700 TUUGI | NUo 94.1 98.8 99.8 99.8 99.8 99.8 99.A 100.0 97.9 99.1 99.8 99.8 99.1 99.7 99.8 SÉ 89.9 99.8 99.8 99.8 100.0 7471 99.1 99.1 99.7 94.1 97.9 98.6 99.8 99.8 99.8 99.8 99.8 99.8 100.0 99.8 100.0 99.8 99.8 99.8 99.8 100.0 00.1 66.A GE GF 89.9 89.9 94.1 94.1 97.9 99.8 99.8 99.1 99.1 99.7 99.7 99.8 99.8 99.8 99.8 99.6 99.8 9001 99.8 100.0 2001 υE 94.1 99.1 99.1 99.8 99.8 99.8 99.8 100.0 TOTAL NUMBER OF ORSERVATIONS:

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SLOTAL CLIMATOLOGY HRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS AIR MEATHER SERVICE/MAC PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA MONTH: JUL HOURS(LST): 0300-0500 LEILING VISIBILITY IN HUNDREDS OF METERS OF1L146 32 GE GE GE GE GE FELT ŪΕ GE GE GΕ GE 40 33.0 36.8 41.4 42.2 42.9 43.3 42.9 43.5 43.5 43.5 43.5 KALCEIE ! 43.5 100091 3c 100091 3c 100001 3c 42.3 43.9 43.9 43.9 44.1 33.1 37.0 41.6 43.0 43.0 43.3 43.8 43.9 43.9 43.8 43.8 44.1 33.0 43.9 43.9 43.9 43.9 43.9 37.11 41.6 47.3 43.0 43.0 43.3 43.9 DE TERRIT 13:0 37:0 41.6 42.3 43.D 43.0 43.3 43.B 43.9 43.9 43.9 44.1 5f [0000] 6f 9000] 6E 8000] 45.0 45.4 43.2 44.2 45.C 45.0 45.0 45.0 33.7 37.9 43.9 43.9 45.0 45.0 45.1 44.8 33.7 45.4 45.0 45.6 47.9 45.4 45.4 33.0 **38.0** 43.5 44.4 44.4 44.7 45.4 45.4 ומטרו 34.U 38.2 43.0 43.8 44.5 44.5 44.8 45.4 45.6 <u> दर</u> 60001 93.U 43.8 44.5 45.4 45.6 45.6 45.6 45.6 45.6 45.7 99.7 GE GE 5000 92.3 97.2 97.2 97.9 98.7 99.0 99.6 99.7 99.7 99.7 99.7 99.7 99.9 99.7 99.7 99.6 4500 98.2 98.7 98.7 99.0 99.7 99.7 99.9 99.7 411011 99.9 99.9 99.9 100.0 35001 97.3 99.9 99.9 98.3 92.5 98.1 98.8 98.8 99.1 99.9 99.9 99.9 100.0 3000 100.0 2500 97.3 99.9 100.0 20001 92.5 98.1 96.8 98.8 99.1 99.7 99.9 99.9 99.9 99.9 99.9 100.0 19001 86.3 97.5 77.3 98.8 99.7 99.9 99.9 99.9 99.9 90.0 100.0 υE 97.3 99.7 99.9 99.9 15691 92.5 98.1 99.1 99.9 99.9 99.9 99.9 88.3 98.8 98.8 100.0 12001 100.0 10001 98.3 88.3 92.5 97.3 98.8 99.7 99.9 99.9 99.9 99.9 100.0 99.9 5E 6E 98.1 98.8 ឧបប υE 7001 A6.3 92.5 97.5 98.1 98.8 98.8 99.1 99.7 99.9 99.9 99.9 99.9 99.9 99.9 100.0 99.1 500 я8.3 98.1 98.8 98.8 99.7 99.9 100.0 99.9 99.9 97.3 GE UE 92.5 92.5 97.3 99.1 99.1 98.8 99.8 99.1 99.9 100.0 4001 99.9 99.9 99.9 99.9 300 98.8 98.8 99.9 200 98. 99.7 99.9 99.9 99.9 99.9 99.9 100.0 PB.3 94.1 76.€ 99.1 99.9 99.9 100.0 TOTAL NUMBER OF OBSERVATIONS:

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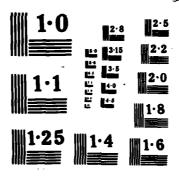
GLOSAL CLIMATOLOGY BRANCH USAFLTAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS ALR WEATHER SERVICEZMAC STATION HUMPEP: 434360 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS (LST): 0600-0800 MONTH: JUL VISIBILITY IN HUNDREDS OF METERS CEILING 1.5 GE GE GĒ FELT 80 40 32 24 20 ٥ 6 U 16 12 10 18.E NO CEIL T 35.4 63.6 70.4 73.3 73.4 75.9 77.2 77.5 17.5 77.7 77.7 77.7 77.7 77.8 GE 2000F 71.9 71.9 75.0 75.0 77.4 77.4 79.1 79.2 79.2 19.4 36.7 65.1 74 . A 78.8 79.2 79.2 79.2 79.4 65.1 65.1 79.1 79.1 79.2 **79.**2 78.8 78.8 19.2 79.4 TE "160001 79.4 35:7 71.0 74 . A 75.7 77.4 70.1 79.4 79.8 65.4 72.2 72.7 79.5 79.5 79.5 GE 120001 37.T 78. I 79 . A An.n A2.7 B2.7 GE 10000 38.5 38.5 68.6 75.6 75.6 78.6 78.6 20.5 78.5 81.U 82.7 83.2 83.2 83.2 P3.2 83.2 83.3 81.0 82.7 83.2 CE SCOUL 70.5 38.8 K9. T 76.5 70.6 70:5 A1.0 83.5 AT.A 84. 7000 38.8 69.3 79.4 20.5 76.5 79.5 83.5 84.2 84.2 81.9 93.8 83.8 84.2 84.2 84.4 79.5 ויוטיום 20.5 38.8 83.8 B4 . 4 35.7 35.7 54.0 54.0 54.3 84.5 84.5 91.7 97.1 98.9 5000 94.5 94.7 98.6 98.9 99.4 99.4 99.4 99.5 91.7 94.7 94.5 98.6 98.9 99.4 99.4 99.4 98.9 99.5 ויסטיים 35.8 55.0 92.1 95.0 95.1 97.6 99.1 00.A 100.0 95.0 95.1 97.6 99.1 99.4 99.4 99.8 99.8 99.8 99.8 100.0 100.0 reant 85.O 97.1 00.2 54.3 54.3 54.3 रचार 95.1 95.1 95.0 85.0 92.1 97.6 99.1 99.4 99.4 99.8 99.8 99.8 99.8 100.0 85.U ŪΕ 18001 35.8 92.1 95.0 75.1 97.6 99.1 99.4 90.4 77.8 99.8 77.8 100.0 1500 92.1 95.0 95.1 99.1 99.4 97.6 99.8 99.8 99.4 99.8 99.8 100.0 45.1 12001 35.8 59:3 85.0 00. 6 99.8 100.0 54.3 54.3 54.3 35.8 99.8 ma 95.1 9601 FB01 85.0 85.0 92.1 95.0 97.6 99.1 99.4 99.8 35.8 35.8 99.4 99.8 99.8 99.8 100.0 99.8 UF 97.1 95.0 95. 97.6 99.1 77.E 77.4 90. g 100.0 85.U 95.0 95.1 99.1 99.4 99.8 99.8 99.8 99.8 100.0 TF FUT 85.0 77.1 75.0 77.E टला 54.3 54.3 54.3 54.3 92.1 95.1 95.1 99.4 99.8 99.8 100.0 85.U 95.0 97.6 99.1 99.8 99.8 99.8 99.8 100.0 उत्तरा 95,4 99.8 GF 35.8 ₩5.0 92.1 75.17 95.1 97.6 99.] 99.4 99.T 100.0 200 95.0 92.1 95.1 91.6 99.1 99.4 99.8 99.8 99.8 99.8 100.0 GE TOUT 95.0 97.1 95.1 97.6 99.4 100.0 95.1 97.6 99.8 711 35.A 54.7 85.0 92.1 95.0 99.8 100.0 TOTAL NUMBER OF OPSERVATIONS:

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PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR GEATHER SERVICEZMAC STATION NUMBER: 404360 STATION NAME: RIVALH SAUDI ARARIA PERIOD OF RECORD: 77-84 MONTH: JUL HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS GF GE GE GF GE GE G CETLING IN FELT GE 160 32 86 4 D 60 24 10 20 16 12 8 69.4 NO CETL T 39.3 60.3 66.3 69.3 74.3 74.3 16.5 72.3 73.7 74.0 74.0 74.3 74.3 74.3 GE 200001 74.7 74.7 74.7 39.3 60.4 69.4 72.4 74.0 74.3 74.7 74.7 74.7 60.4 66.5 69.6 74.0 74.3 74.7 74.7 74.3 TE TABLET 16.5 39.3 66.5 69.4 69.6 72.4 74.5 SE 14000 39.3 60.4 16.5 66.5 69.4 69.6 72.4 74.0 74.7 74.7 GE TEOGRA 39.3 74.4 75.8 76.0 GE TURUR 40.3 71.0 71.1 74.0 75.5 76.2 76.2 76.2 76.2 9000) 40.3 40.3 62.0 75.7 76.0 76.2 16.7 68.2 76.4 76.4 БE នេយបក1 16.7 74.1 76.0 7000 68.2 68.2 74.1 74.1 76.0 76.0 5 E 16.7 47.3 62.0 71.3 75.7 76.0 76.2 76.4 76.4 76.4 60001 62.0 94.6 97.6 99.4 40.2 94.8 63.8 85.4 99.4 99.9 4 miliu \$ TU. 2 53.E 91.8 94.8 94.9 99.6 99.9 100.0 100.0 shuni 97.7 G E 40.2 63.8 95.6 91.8 94.8 94.9 99.3 99.6 99.6 99.9 100.0 100.0 100 an 100.0 30001 100.0 100.0 100.0 94.8 2500) 63.E 91.8 97.7 99.6 99.6 99.3 99.9 100.0 100.0 100.0 100.0 1.5 85.6 40.2 94.9 99.3 100.0 100.0 100.0 1000 100.0 100.0 100.0 100.0 5L 15001 40.2 63.8 85.6 91.8 94.8 94.9 99.6 99.6 100.0 100.0 100.0 100.0 12001 40.2 103.0 100.0 100.0 100.0 40.2 45.6 91.8 94.8 94.9 99.3 99.6 99.6 100.0 100.0 100.0 100.0 97.7 GE GE 63.8 63.8 95.6 85.6 94.9 97.7 99.3 99.6 100.0 100.0 PUP 40.2 94.8 99.6 100.0 POUT 99.6 100.0 100.0 100.0 99.6 6 E 7un I 40.2 63.6 85.6 91.9 94.8 94.9 97.7 99.6 00.0 100.0 100.0 100.0 100.0 99.6 តបារា 40.7 63.8 85.6 94.8 99.9 99.3 99.6 100.0 100.0 100.0 100.0 79.6 99.6 100.0 100.0 100.0 100.0 6.5 400 I 40.2 63.8 63.8 85.6 85.6 91.8 94.8 97.7 99.6 100.0 100.0 100.0 GE 40.Z 91.8 94.9 प्यः ह 99.3 99.6 100.0 100.0 100.0 100.0 94.8 90.6 2001 40.2 91.6 100.0 100.0 **40.2** 95.6 100.0 100.0 100.0 100.0 94.8 99.9 100.0 100.0 100.0 100.0 40.2 63.8 99.3 99.6 4.00 TOTAL NUMBER OF OPSERVATIONS:

AD A159 667 RIYADH SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS...(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A... JUN 85 INCLASSIFIED USAFETAC/DS-85/024 F/Q 4/2 3/6 NL



GLOHAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICE/PAC STATION NUMBER: 4C4360 STATION NAME: RIVARH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUL HOURSILST): 1200-1400 CEILING GF FELT GE 32 GF GF 61 GF GF 90 40 10 12 NO CEIL I 76.0 37.7 45.A 49.6 50.4 50.7 51.3 51.7 55.3 52.5 53.4 61.4 53.4 53.4 51.4 2E 180001 2E 180001 54.1 54.1 53.1 53.1 53.1 51.4 53.5 54.4 54.4 54.4 55.2 55.2 55.2 55.2 55.2 55.2 55.2 28.2 39.3 28.2 39.3 47.5 51.4 53.5 55.2 55.2 55.2 55.2 52.3 52.5 GE 14CON 39.3 GE 120001 52.8 52.8 52.8 53.7 53.7 53.7 54.6 54.6 54.6 GE TORRO 28.3 10.0 54.1 54.1 54.1 54.9 54.9 55.8 55.8 55.8 52.0 53.1 55.8 56.1 56.1 56.1 48-11 56.1 90001 28.3 39.9 48.0 25.0 56.1 78.3 55.8 80011 53.1 56.1 56.1 70001 40.0 48.2 55.4 ecuot 52.1 53.0 56.2 5000 71.8 83.4 95.5 96.6 97.2 97.6 98.2 0A.5 66. 40.1 00.4 00. L GE 91.5 45001 90001 72.0 72.0 91.7 95.6 96.8 98.3 98.6 98.9 99.4 96.5 99.4 99.7 100.0 98.0 97.6 100.0 5E 3500 72.0 83.5 91.6 95.8 96.8 97.0 97.6 98.0 98.6 3007 100.0 100.0 98.6 98.6 98.6 18001 20001 98.0 100.0 83.5 91.8 97.6 97.6 97.6 98.9 100.0 100.0 72.0 95.8 95.8 96.5 97.0 GΕ 96.8 97.0 98.9 99.7 72.0 91.8 98.0 100.0 100.0 100.0 SF 15001 98.6 83.5 91.8 95.8 96.8 97.0 97.6 98.0 98.9 100.0 100.0 12001 100.0 100.0 GE 9001 72.0 83.5 91.8 97.6 98.0 98.6 98.9 98.9 99.7 100.0 95.8 97.0 100.0 100.0 96.8 99.7 100.0 77.U 100.0 100.0 100.0 100.0 GĒ 7001 72.0 83.5 91.8 95.8 96.8 97.0 97.6 98.0 98.0 98.6 98.9 99.7 99.7 100.0 100.0 98.0 98.6 99.9 100.0 100.0 100.0 91.8 97.0 97.6 95.8 95.8 95.8 72.0 72.0 83.5 91.8 96.8 97.0 97.0 97.6 98.0 99.9 98.9 99.7 100.0 100.0 100.0 GE 4001 98.6 65 72.0 97.6 2001 83.5 91.8 96.8 97.0 98.0 98.6 98.9 99.7 99.7 100.0 100.0 100.0 100.0 100.0 96.B 97.0 98.0 99.7 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY
FROM HOURLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: JUL HOURS(LST): 1500-1700 VISIBILITY IN HUNDREDS OF METERS CEILING GE GE υ<u>Ε</u> 32 GE FEET 90 60 160 Яſ. 48 40 20 10 NO CEIL 1 50.1 50.4 50.4 50.1 50.4 50.4 52.8 52.8 52.8 52.8 52.8 GE 200001 36.9 36.9 52.3 52.3 52.5 52.5 52.5 52.8 52.8 52.8 52.8 52.8 52.8 29.4 49.8 51.3 52.2 52.5 44.7 48.4 49.8 49.6 <u>GE 16000</u> 29.4 52.5 52.8 GE 140001 36.9 44.7 48.4 49.8 49.8 51.3 52.2 52.3 52.5 50.1 53.0 53.0 53.0 53.7 53.7 54.0 30.1 53.2 53.3 53.7 53.7 54.0 45.5 49.2 50.6 50.6 53.5 53.5 53.7 52.2 53.7 53.7 37.6 45.5 49.2 50.6 50.6 52.2 53.2 53.3 53.6 53.6 53.5 53.7 53.7 54.0 90001 30.1 54.0 ĢΕ 70001 30.4 37.9 45.8 49.5 50.9 50.9 52.5 53.5 53.7 53.7 54.0 54.0 98.9 97.7 75.1 82.7 94.3 98.3 4500 6E 91.1 99.0 96.2 96.2 99.0 99.1 100.3 100.0 100.0 100.0 3500 99.6 ĿΕ 75.7 83.5 91.7 95.3 96.7 96.7 98.4 99.4 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 91.7 100.0 100.0 100.0 100.0 2000 75.7 83.5 95.3 96.7 96.7 98.4 99.4 99.6 99.7 99.7 100.0 100.0 100.0 91.7 100.0 100.0 100.0 100.0 15001 75.7 83.5 95.3 96.7 99.6 100.0 ĠΕ 96.7 98.4 ... 99.7 100.0 100.0 100.0 100.0 100.0 100.0 9001 100.0 100.0 100.0 100.0 75.7 83.5 91.7 95.3 99.4 GE 96.7 98.4 99.4 99.7 99.7 96.7 100.0 100.0 100.0 78.4 99.6 100.0 100.0 100.0 100.0 GE GE 7001 75.7 99.6 99.7 83.5 91.7 95.3 96.7 96.7 98.4 99.4 99.7 100.0 100.0 100.0 96.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 75.7 75.7 83.5 91.7 95.3 96.7 99.6 GE 4671 96.7 98.4 99.4 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2001 75.7 83.5 91.7 95. 96.7 98.4 99.6 99.7 100.0 100.0 98.4 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GEOBAL CEIMATOLOGY BRANCH USAFETAC PERCENTAGE FREUMENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE THAC PFRIOD OF RECORD: 77-84
MONTH: JUL HOURSILS STATION NUMBER: 414380 STATION NAME: RIVADH SAUDI ARARIA HOURS(LST): 1800-2000 VISIBILITY IN HUNDREDS OF METERS CEILING GE GE GE FLET GE GE σE GE 40 10 0 43.3 32.6 41.1 42.1 44.0 NO CETE 1 23.5 38.3 42.2 44.0 44.0 GE 20000 43.5 44.6 45.3 45.3 45.6 45.1 45.7 45.9 46.0 45.3 33.7 39.6 42.4 44.6 45.3 45.3 45.7 45.9 46.0 43.4 45.3 45.6 45.7 GE ISHOR 24.2 33.7 39.6 43.5 45.7 45.6 46.0 44.6 45.5 24.4 39.8 45.4 45.9 46.0 GF TZUUUT 33.8 42.5 43.5 43.7 45.4 47.5 47.8 47.6 47.8 48.0 48.6 GE 10000 91.1 91.4 91.9 44.4 45.0 46.2 46.9 47.2 47.3 47.6 47.5 25.0 25.3 34.1 43.6 46.9 46.9 44.1 46.4 48.2 GF सामा 75.7 35.7 45.7 45.9 47.8 47.8 47.8 48. 48.3 48.5 7000 47.0 48.3 48.6 47.3 44.0 48.5 48.8 GE 6000 26.0 35.0 42.2 45.U 46.0 46.2 48.0 48.0 48.6 98.5 50001 4500) 75.9 76.1 92.2 94.9 95.9 96.1 97.2 98.0 98.4 98.8 85.5 96. GR. D 94.0 98. ĞĒ 86.1 98.3 98.3 98.8 99.1 GE 40001 76.5 86.5 92.5 95.6 76.1 76.0 98.3 99.0 99.0 99.0 99.4 99.8 99.6 99.7 99.9 3500 99.0 99.4 GE 99. SHORT 76.5 H6.6 93.13 95.8 95.8 97.11 VH. 6 99.1 99.1 99.6 99.7 99.9 100.0 25DD 76.5 86.6 93.0 96.8 78.4 99.1 99.7 99. 100.0 99.6 99.1 99.7 99.7 98.4 2000 86.6 95.6 96.8 99.1 99.1 GΕ TECH 75.5 ₹3.U 97.0 99.9 100.0 GE 1500 76.5 86.6 93.0 95.8 96.8 97.0 98.4 99.7 UE 1200 85.6 93.11 96.8 99.1 99.1 100.0 100.0 99.1 I TUUT 76.5 H6.6 93.0 96.8 98.4 99.1 99.6 99. σĒ 900 76.5 86.6 93.0 95.8 96.8 97.0 98.4 99.1 99.6 100.0 800 76:5 86.6 73.0 75.8 95.8 97.D 78.4 99.1 99.1 99.1 99.6 99. 99.7 99.9 100.0 100.0 700 93.0 GΕ 75.5 100.0 86.6 93.0 96.0 97.0 98.4 99.1 79.1 99.1 99.6 99.7 99.7 99.9 100.0 100.0 400 GE 93.0 4.00 99.7 300 76.5 86.6 95.8 96.8 97.0 98.4 99.1 99.1 99.1 99. 99.9 100.0 97.0 99.1 200 86.6 45.4 96.8 GE 98.4 1001 86.6 73.0 46.B 99.1 99.1 99.7 100.0 76.5 86.6 93.0 96.8 99.1 88.1 99.7 99.7 60.6 IDD.D TOTAL NUMBER OF OBSERVATIONS:

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CLOHAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFLTAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS(LST): 2100-2300 MONTH: JUL VISIBILITY IN HUNDREDS OF METERS CEILING GΕ GE GE GE GE GE GE 32 FEET 20 160 90 80 60 4 8 40 24 10 NO CEIL I 29.3 35.3 40.6 42.1 42.4 42.4 43.2 42.7 43.1 43.2 43.2 43.4 43.4 43.4 43.4 GE 200001 29.9 29.9 43.4 43.7 43.8 43.8 44.0 44.0 44.0 44.0 43.4 43.7 43.8 43.8 44.0 36.0 41.2 42.7 43.1 43.1 44.0 GE TENUNI 36.0 43.1 43.8 44.0 44.0 44.0 43.8 GE 140001 30.1 36.1 42.9 43.2 43.2 44.0 120001 43.5 GE TOUCH 30.8 44.0 44.7 45.3 42.4 44.4 45.2 45.2 45.2 45.3 45.6 46.4 45.3 37.0 37.3 45.0 45.3 90001 31.1 42.7 44.3 94.7 44.7 45.8 45.3 45.5 45.5 45.5 45.6 45.6 45.5 8000 31.7 46.4 43.4 45.5 45.5 46.2 46.2 GF 70001 31.7 37.9 44.9 45.8 46.2 46.4 46.4 60001 45.9 46.2 46.5 46.5 98.3 98.3 50001 45001 96.8 85.2 85.2 91.4 98.9 99.8 99.8 SE GE 98.9 99.4 99. 100.0 100.0 100.0 100.0 98.9 99.8 99.8 99.4 99.7 4COO 99.4 96.8 78.3 99.7 77.8 100.0 100.0 100.0 100.0 GF 35001 85.2 91.4 96.8 98.3 98.9 98.9 99.4 99.7 99.8 99.8 100.0 100.0 100.0 30001 99.8 100.0 100.0 100.0 100.0 2500 96.8 95. 98.9 100.0 100.0 100.0 100.0 91.4 00.A GÉ 2000 1800 85.2 91.4 96.8 98.3 98.9 98.9 99.4 99.7 99.8 100.0 100.0 100.0 100.0 100.0 96.8 98.9 SE 1500 85.2 91.4 98.3 98.9 99.7 99.8 99.8 99.8 100.0 100.0 100.0 100.0 1000 M5.2 91.4 96.8 98.3 98.9 100.0 100.0 100.0 GF 85.2 85.2 91.4 96.8 98.3 99.4 99.8 99.8 99.8 9130 98.9 ទបព 98.3 98.9 98.9 99.7 100.0 100.0 100.0 100.0 91.4 GE 7601 95.2 96.6 98.3 98.9 98.9 99.6 100.0 100.0 6001 77.4 99.1 100.0 100.0 100.0 100.0 100.0 100.9 96.8 100.0 100.0 500 35.2 98.9 91.4 91.4 96.8 99.4 GE 4001 98.3 98.9 98.9 99.8 100.0 98.9 300 35.2 99.3 78.9 99.4 99.7 99.8 99.8 99.8 100.0 100.0 100.0 100.0 98.3 GE 2071 91.4 96.8 94.9 76.8 1001 85.2 71.4 98.3 GE 98.9 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFLTAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURSILSTI: MONTH: JUL 411 CE IL ING VISIBILITY IN HUNDREDS OF METERS GE 32 FEET 24 10 5 160 90 80 48 40 20 16 60 12 NO CEIL T 25.4 45.9 49.2 50.5 50.6 51.8 52.7 52.8 53.0 53.D 53.0 53.0 53.1 GE 200001 53.6 53.6 53.8 53.8 26.0 51.6 51. 54.0 54.1 54.2 54.0 36.3 50.3 51.7 52.8 53.8 54.1 54.1 54.2 46.9 54.1 GE 16000 52.6 53.8 53.8 50.3 54.2 54.2 54.2 GE 140001 26.0 36.4 47.0 51.6 51.7 53.6 53.B 54.1 GE 120001 SE 10roo 53.0 53.1 54.3 55.1 55.3 55.7 55.8 26.6 27.0 27.1 37.8 37.8 37.8 90001 48.4 48.8 51.8 52.2 53.6 53.2 54.4 55.7 55.4 55.9 55.9 56.2 56.3 56.3 56.3 55.9 ខបបព 6 E 70001 48.9 52.3 53.6 53.7 54.9 55.7 55.9 55.9 56.2 56.3 56.3 56.4 56.4 **BUUU** 99.5 99.6 99.9 50001 4500 92.0 95.3 95.4 95.7 95.7 98.0 98.8 99.3 99.4 99.8 80.9 99.2 99.5 ĞΕ 96.8 70.2 96.9 99.1 99.6 99.7 81.2 81.2 92.3 97.2 99.5 GΕ 3500 70.3 97.1 98.5 99.3 99.5 99.9 99.8 99.9 99.9 100.0 99.5 99.5 99.5 99.5 99.9 99.9 99.9 99.9 99.9 99.9 25001 70.3 70.3 81.2 92.3 95.7 97.1 97.2 98.5 98.5 99.3 99.5 99.8 100.0 GE 99.9 99.9 99.9 100.0 GE 1500 70.3 81.2 92.3 95.7 97.1 97.2 97.2 98.5 99.8 99.5 100.0 99.3 97.9 99.5 100.0 GE 1200 70.3 99.5 99.9 99.9 98.5 98.5 99.5 99.5 99.9 99.9 9001 70.3 81.2 92.3 95.7 95.7 97.1 97.2 99.3 99.8 99.9 100.0 GE 100.0 70.3 हता 100.0 700 70.3 92.3 95.7 97.1 81.2 97.2 98.5 99.3 99.5 99.5 99.9 99.9 99.8 99.9 100.0 600 99.9 99.9 99.9 99.9 92.3 92.3 92.3 97.2 97.2 97.2 95.7 97.1 98.5 99.5 99.5 100.0 99.5 400 98.5 7U.3 99.3 99.5 99.8 99.9 ĞΕ 81.2 100.0 GE साम 70.3 95.7 100.0 70.3 92.3 97.1 200 81.2 95.7 97.2 98.5 99.3 99.5 99.5 99.8 99.9 99.9 99.9 100.0 ıυπ 95.7 72.3 97.1 99.5 99. A 99.9 99.9 99.9 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY RRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE / WAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS(LST): 0000-0200 MONTH: AUG VISIBILITY IN HUNDREDS OF METERS CEILING GE 32 GE วบ 160 80 6 U 40 20 48 16 12 10 ••••• NO CETE 1 28.9 30.9 32.3 33.1 33.4 33.4 34.9 34.9 34.9 34.9 34.2 34.2 34.2 GE 20nor 29.4 31.7 33.1 33.9 35.2 35.6 35.6 35.6 35.6 35.6 35.6 GE 18000 34.2 35.2 35.6 35.6 35.6 35.6 35.6 31.7 GE TANGUI 29.4 33.1 35.6 GE 14000 34.2 35.6 35.6 35.6 34.2 35.2 35.2 35.6 35.6 35.6 35.6 OE 150001 79.4 32.0 32.0 33.4 33.4 33.8 SE 10000 35.5 35.5 35.9 35.9 35.9 35.9 9000 34.2 34.5 34.5 34.5 34.9 34.9 35.5 35.9 35.9 35.9 35.9 35.9 35.9 35.9 32.3 GF 29.7 35. 7000 29.7 33.8 34.9 35.8 35.8 36.5 36.3 36.3 36.3 36.3 36.3 6000 \$000 4500 92.6 95.3 97.5 97.8 99.1 99.5 99.7 99,7 99.1 97.8 97.8 .2 99.1 96.7 99.5 99.7 99.7 99.7 99.7 99.7 97.8 15 E 9000 92.6 95.3 96. 99.7 99.7 35UP 92.6 95.3 97.5 97.8 99.1 99.5 99.7 96.7 99.1 99.7 99.8 99.5 99.7 99.7 3000 95.3 96.7 97.8 97.8 97.8 99.1 99.1 99.5 97.5 99.5 99.8 99.8 2000 . 2 92.6 100.0 100.0 99.8 100.0 100.0 1800 92.6 95.3 96.7 97.5 97.8 97.8 99.1 99.1 99.5 99.5 100.0 100.0 100.0 1500 99.8 100.0 100.0 100.0 100.0 1200 100.0 100.0 100.0 100.0 92.6 95.3 96.1 97.5 97.8 97.8 99.1 99.1 99.5 99.5 99.8 100.0 100.0 100.0 100.0 900 GE . 2 100-0 100.0 100.0 100.0 100.0 800 97:5 97.8 99.1 100.0 100.0 100.0 5 5 700 92.6 96.7 97.5 97.8 99.5 99.1 100.0 99.5 99.8 100.0 100.0 600 100.0 100.0 100.0 100.0 95.3 97.8 97.8 97.8 97.8 100.0 100.0 99.5 100.0 100.0 92.6 97.5 96.7 • 2 99.1 99.5 99.8 100.0 100.0 100.0 100.0 99.1 99.5 300 .2 92.5 95.3 96.7 97.8 97.8 99.1 100.0 GE 2001 92.6 76.7 97.5 99.1 99.5 99.5 99.8 100.0 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 TOTAL NUMBER OF DRSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VFRSUS VÍSIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFFTAC STATION NUMBER: 404360 STATION NAME: RIVADH SAUDI ARABIA PERIOU OF RECORD: 77-84 MONTH: AUG HOURS(LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING GE FEET 160 911 BL 60 48 40 32 24 20 16 12 10 ٥ ************************************** NO CEIL T 33.9 36.9 39.1 40.4 40.7 41.5 41.0 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.1 CE. SOUGO 40.1 40.9 41.9 42.7 42.7 42.7 42.7 42.7 34.4 39.6 41.2 42.2 42. 37.3 GE 18000 34.4 37.3 39.6 40.3 41.0 41.3 42.2 42.5 43.0 43.0 43.0 43.0 43.0 43.0 43.0 SE 14000 37.3 40.3 41.0 42.5 37. 5 39.6 40.3 43.0 43.0 42.5 43.3 39.9 43.3 GE 120001 40.6 41.6 43.3 43.3 43.3 43.3 43.3 SE 100001 43.9 43.9 35.3 38.2 40.4 41.2 41.9 12.2 43.1 43.4 43.4 43.9 43.9 43.9 43.9 43.9 41.9 42.2 35.3 38.2 40.4 43.9 41.2 43.9 43.9 ខាចបា 43.9 38.2 40.4 43.1 43.4 43.9 43.9 43.9 GE GE 35.3 44.0 7000 15.4 38.4 40.6 600U 40.6 43.6 100.0 100.0 00.1 99.7 99.7 100.0 100.0 100.0 5000 96.9 98.8 71.0 93.5 96.1 97.6 90.7 4500 I 96.1 96.9 97.6 97.9 98.8 100.0 91.0 93.9 99.1 99. 100.0 93.5 97.6 100.0 100.0 100.0 100.0 91.0 99.1 GF 3500 91.0 93.9 96.1 96.9 97.6 97.9 98.8 99.7 99.7 100.0 100.0 100.0 100.0 30001 96.1 97.6 100.0 100.0 91.0 100.0 100.0 100.0 99.1 99.1 99.1 100.0 100.0 100.0 100.0 100.0 99.7 71.0 93.9 96.1 97.9 97.6 2000 96.1 96.9 100.0 100.0 100.0 100.0 1800 71.0 96.1 46.4 **97.**6 78.8 100.0 100.0 100.0 100.0 GF 1500 91.0 93.9 96.1 96.9 97.6 97.9 98.8 99.1 99.7 99.7 100.0 100.0 100.0 100.0 91.0 46.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ס די די 91.6 6F 9001 91.0 93.9 96.1 96.9 97.6 97.9 98.8 99.1 99.7 99.7 100.0 100.0 100.0 100.0 100.0 91.0 96.1 96.9 98.8 100.0 100.0 100.0 800 97.6 99.1 79.7 99.7 100.0 G.F 7401 91.0 93.9 96.1 94.9 97.6 97.9 98.8 99.7 100.0 100.0 100.0 100.0 GE 6001 71:0 76.1 97.6 98.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 21.0 97.9 4001 93.9 96.1 96.9 97.6 100.0 100.0 100.0 76:1 99.7 99.7 300 91:0 97.6 98.8 99.1 100.0 100.0 100.0 100.0 100.0 GE 2001 93.4 96.1 96.9 97.6 97.9 98.8 99.7 100.0 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 100.0 98.A 97.7 100.0 100.0 100.0 100.0 100.0 VI.0 76.1 75.7 97.6 99.1 99.7 TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFLTAC 4 TH UT 4 THE PERIOD OF RECORD: 77-84 STATION NUMBER: 404340 STATION NAME: RIVADH SAUDI ARABIA MONTH: AUG HOURSILST): D6DD-D8DD VISIBILITY IN HUNDREDS OF METERS CEILING FEET GE GE ĞE AD 60 40 32 ĩo 50 16 12 NO CETE-1----7C.8 - 4178 70.7 70.5 76.5 63.2 6R. 7 73.7 78.11 76.0 7R . B 78.7 78.7 78.7 70.7 20000 80.6 42.4 64.3 69.3 75.0 75.0 78.1 78.1 80.0 AD.D 80.0 80.6 80.6 80.6 69.8 74.7 80.0 80.6 42.4 80.6 80.6 OF TRUMPI 80.0 80.6 75.0 75.0 80.0 er recourt 71.0 64.3 74.7 78.1 79.1 80.0 80.0 80.6 GE 140001 21.0 64.5 69.8 74.7 78.1 80.0 80.0 60.0 60.6 80.6 80.6 80.6 GE 11 20001 47.5 70.1 AD.D BU - 3 RO. Y 80.3 RO. C 80.9 80.4 65.9 72.0 80.6 81.0 82.6 82.9 83.4 83.5 10000 22.0 43.1 76.9 77.2 82.5 83.5 83.5 A 1.5 90001 44.1 84.0 84.0 84.0 84.7 85.4 Tit 80001 23.1 45.5 68.0 74.1 85 · 1 85.1 85.7 85.1 85.7 85.7 85.7 85.7 85.7 7000 79.7 80.0 68.6 45.8 60001 86. 1 86.3 86.3 A6.3 รถตา 36.5 82.U 93.4 96.8 96.8 98.8 98.8 99.7 99.7 99.7 45001 88.1 99.2 36.7 93.5 99.2 00 90001 39.3 82.1 88. 1 96.9 98.4 99.2 99.8 99.H 99.k 99.H 59.3 82.1 93.2 98.9 99.2 99.2 99.8 3500 88.3 96.9 99.8 99.8 99.8 ЬE 30071 36 -1 8.00 36.7 36.7 88.3 99.2 99.8 99.8 STITE OF 59.3 59.3 82.1 93.2 93.5 96.9 96.9 98.9 99.2 99.8 99.8 20001 ti i 10001 30.1 82.1 99.8 1500 36.7 82.1 88.3 93.2 96.9 98.9 99.2 99.8 1200 36 - 7 88 -99.7 1000 00.0 97.1 100.0 93.7 99.1 82.3 72.3 900 93.4 100.0 100.0 100.0 99.4 ttf 800 l 36 . 6 59.5 85:4 93.4 93.7 97.1 99.4 99.4 100.0 100.0 100.0 100.0 700 36.8 M2.3 88.4 93.4 93.7 97.1 99.1 99.4 99.4 100.0 100.0 100.0 GE 100.0 600 30.8 99: 8 100.0 100.0 100.0 100.0 35.1 100.0 93.7 99.4 Un at 100.0 100.0 4601 59.5 A2.3 88.4 93.4 97.1 99.1 99.4 99.4 36.8 100.0 GΕ 100.0 100.0 100.0 300 59.5 P2. 3 37.4 93.7 99.4 79.4 99.4 100.0 100.0 100.0 100.0 200 88.4 99.4 100.0 36.8 100.0 100.0 ĠΕ 100.0 44:4 100.0 93.4 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS:

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GLOWAL ELIMATOLOGY SHANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY U'AFETAC AIR WEATHER SERVICE PRAC STATION NUMBER: 404330 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECOPD: 77-84 MONTH: AUG HOURS(LST): 0900-1100 CFILING VISIBILITY IN HUNDREDS OF METERS GE GE 24 IN FIET GE GE 30 GE GE GE GE GF GE GÉ GE GE GE 32 20 40 43 100 У0 ьÚ 64 16 12 10 69.3 69.4 NO CETE 1 15.1 37.2 55.8 61.4 64.4 64.6 67.1 68.0 68.7 68.7 69.3 69.3 69.3 200001 70.7 70.7 71.3 71.3 71.3 38.6 63.4 66.4 66.6 69.2 70.0 .E 18060 38.6 66.4 66.6 69.2 70.0 70.7 70.7 71.4 ce lenoni 17.1 39.6 57.8 63.4 66.4 69.2 70.0 70.7 70.7 71.3 71.3 19.1 6E 1400P1 38.6 57.8 63.4 66.4 66.6 69.4 70.0 70.7 70.7 71.3 71.3 71.3 וווטיינו 196661 19.5 39.C 58.4 64.0 67.0 67.1 69.7 70.6 71.3 71.4 72.0 72.0 72.0 72.0 72.2 υE 90001 19.5 64.0 72.0 72.0 72.2 **មហា**ប្រ 19.5 39.6 50.4 64.0 69.7 72.0 72.0 72.0 GΕ 70071 19.5 59.0 58.4 67.0 67.1 70.6 72.0 ธาบบา 39.0 जाक्रम । 99.6 94.5 99.0 97.3 98.5 99.6 99.7 94.7 91.5 94.5 98.9 99.0 99.6 6E 45001 47.1 66.6 85.9 97.3 98.1 99.6 99.6 99.6 99.7 4000 3500 33.5 N5.9 91.5 94.7 97. 98.1 98.9 99.0 99.6 99.6 99.6 99.7 GE 85.9 91.5 94.5 97.3 98.1 98.9 99.0 99.6 99.6 99.6 99.6 47.1 66.6 99.7 υĒ 30001 र प्राप्त 91.7 98.3 99.7 99.9 20001 94.8 99.7 ι,ξ 47.2 86.1 94.7 97.4 99.0 99.1 99.7 99.9 66.7 99.7 1700 47.2 56.7 94.8 99.7 99.7 GΕ 150rl 47.2 66.7 46.1 91.7 94.7 94.8 97.4 98.3 99.0 99.1 99.7 99.7 99.7 99.7 99.9 σĒ 12001 99.1 94.8 97.4 99.7 99.7 99.9 1000 66.7 UF. 66.7 91.7 98.3 99.0 99.7 99.7 9 L.C. 47.2 96.1 94.7 99.1 99.7 99.7 99.9 99.0 υŧ PORT 47.2 56:7 86 . I 91.7 94.7 94.8 97.4 98.3 77.1 99.7 99.7 99.7 99.9 GE 91.7 94.8 99.0 99.1 99.7 7001 47.2 66.7 36.1 94.7 97.4 98.3 99.1 99.7 99.7 99.9 cont 55.7 99.7 99.1 91.7 94.7 97.4 99.1 99.9 6 E 47.2 66.7 R6.1 aun i 47.2 66.7 86.7 86.1 91.7 94.7 94.8 97.4 98.3 99.0 99.1 99.7 99.7 99.7 99.9 94.8 300 9762 94.7 97.4 99.1 99.9 98.3 6F 2001 86.1 91.7 94.7 94.0 97.4 99.0 99.7 99.7 99.7 99.7 99.9 99.1 66.7 P6.2 97.6 99.9 99.9 100.0 TOTAL NUMBER OF OBSERVATIOUS: 697

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GLOBAL CLYMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICE/HAC STATION NUMBER: 404360 STATION NAME: RIVADH SAUDI ARABIA PEPING OF ALCORD: 77-84 MONTH: AUG HOURS (LST): 1200-14CU CEILING VISIBILITY IN HUNDREUS OF METERS FEET GE 55 GE 81: 20 14.0 9.0 6 U 46 32 10 <u> 20000</u> 48.6 50.8 52.4 57.4 52.0 52.1 52.1 52.4 21.9 21.9 21.9 GE 18PORT 39.5 48.6 50.8 50.8 52.0 52.0 52 · 1 52.1 52.1 52.2 57.7 **57.7** 52.4 52.4 52.4 5 . 4 52.4 SE 160001 39.5 48.6 52.0 52.2 50.8 52.n 52.5 52.5 52.5 52.4 52.4 52.4 53.0 53.0 53.0 ומטחטו שב 39.E 48.9 51.1 52.2 52.2 52.2 52.4 52.9 51.0 51.0 53.0 53.0 51.1 52.7 52.7 53.0 53.0 9000 53.0 53.0 G.E 39.5 51.2 52.4 52.5 Zene I 28.4 49.1 52.4 53.0 53.1 57.1 99.1 99.6 45001 75.0 75.3 99.1 99.1 99.4 99.6 99.7 GF 86.5 95.1 97.8 99.0 99.0 99.7 100.0 ם. עחו 100.0 100.0 3500 75.5 99.1 100.0 100.0 ĿΕ 86.8 95.9 98.1 99.3 99.4 99.4 99.7 00.0 100.0 100.0 100.0 100:0 100.0 100.0 ט טוי ו 100.0 75.3 86.8 99.3 99.4 100.0 100.0 1110-0 100.0 TOOLO 99.4 ij.F 2000 . 1 95.9 98.1 79.3 99.7 100.0 100.4 100.0 1200 100.0 100.0 ים: מסו במייו (,F 99.4 15601 15.3 86.8 95.4 98.1 99.3 99.3 99.4 99.7 99.9 100.0 100.0 100.0 100.0 σŧ 100.0 100.0 130.0 100.0 ם, סטו 100.0 100.0 100.0 100.0 100.0 100.0 100.0 21.01 . 1 75.3 86.8 95.4 98.1 99.3 99.3 99.4 99.4 99.7 99.9 100.0 100.0 170.0 GE 2001 100.0 100.0 100.0 100.0 GΕ 7601 75.3 86.8 98.1 99.4 99.1 99.4 99.4 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4601 6 E 75.3 86.8 95.9 98.1 99.3 99.1 99.4 99.4 99.9 100.0 100.0 60 300 100.0 100.0 100.0 99.3 99.4 99.4 ٠£ 2401 86.8 95.9 99.7 100.0 100.0 100.0 100.0 100.0 90.3 75.3 86.3 95.9 98.1 79.3 99.4 99.4 99.7 99.9 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS: 641

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PERCENTAGE FPI JULACY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS SEORAL CLIMATOLOGY BRANCH AIR AFATHER SERVICE THAC STATION NUPPER: 404380 STATION NAME: REVAUN SAUDE ARABIA PERIOD OF RECORD: 77-84 MONTH: AUG CEIL 1716 VISIBILITY IN HUNDREDS OF METERS GE GF GE ĞE ĞĒ FLET 52 1 160 90 uq bЬ 6.0 40 10 NO COTE 1 25.7 37.2 43.9 -45.2 45.5 45.6 45.9 45.9 46.1 46.1 46.1 46.1 46.1 46.1 20000 30.8 48.6 48.6 48.6 48.6 46.6 39.2 39.2 46.2 47.6 48.1 48.2 48.5 48.5 48.6 46.6 48.6 48.6 48.6 48.6 48.6 GE 180001 30.8 er lencol 48.6 48.6 3D - B 39.2 39.5 48.1 48.5 48.6 48.9 SE 140001 4 A GF 120001 48.9 48.9 et 100001 31.3 39.7 48.6 49.4 40.4 49.4 49.4 49.4 40.4 49.2 49.2 50.1 49.4 50.2 49.4 50.2 49.4 50.2 GE 70001 9000 49.4 50.2 49.4 50.2 49.4 50.2 50.2 32.1 50.1 50.1 50.2 50.2 50.2 40.6 60001 49.1 50.2 50001 45001 97.0 99.6 99.6 99.9 99.6 99.6 99.9 91.5 90.U 98.4 99.0 99.6 99.6 99.6 ыE 98.9 4000 35 un | 91.6 90.2 98.7 99.1 99.9 99.9 99.9 3000 98.7 15011 90.2 99.9 99.9 99.9 99.7 99.9 99,9 99.9 00.0 99.9 2000 1,E 91.6 #1.6 90.2 98.7 99.1 99.3 99.7 πE TROUT 911.7 97.3 79.7 GΕ 1500 911.2 97.3 99.9 81.6 98.7 99.1 99.1 99.9 99.9 17001 90.2 9(1.2 7유. Thomas 99.9 QUIL 91.6 90.2 97.3 99.1 99.3 30.0 99.9 99.9 99.9 98.7 99.7 99.7 00.0 99.0 σE 800 71.6 90.2 97.3 VH. 1 90.2 98.7 99.9 99.7 99.7 99.9 99.9 υĒ COULT 5027 B1.5 99.9 99.9 81.6 90.2 97.3 28.7 99.1 99.3 99.9 99.9 99.9 99.9 99.7 49.7 99.9 90.2 79.1 79.1 ŒΕ 3001 41.E 97.3 73.7 99.3 77.7 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100-0 90.2 7E TUIT 41:E 97.3 98.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS:

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FERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS GLOBAL CLÍMÁTOLÓGY BRANCH USAFETAC ATR MEATHER SERVICE THAC PERIOD OF RECORD: 77-84 STATION NUMBER: 434980 STATION NAME: GIVADH SAUDI ARABIA MONTH: AUG HOURS(LST): 1800-2000 VISIBILITY IN HUNDREDS OF METERS CEILING GE 24 GE 20 GE GE 5E 32 LFE I 4 C 12 10 60 16 160 911 a G NO CETL ! 77.1 39.8 ~40.8 41.4 41.4 42.0 42.1 42.4 - 42.4-42.4 42.4 42.4 42.5 36.5 44.9 4 11 7 38.6 28.8 44.7 44.9 28.8 78.8 38.6 of incord 41.7 43.3 43.3 44.1 44.7 44.4 44.7 er recont 44.7 44.7 44.7 44.9 GE 140001 GE 120001 38.6 44.7 - - 45. 2 43.7 44.6 44.9 45.2 45.2 45.2 45.2 45.3 46.7 46.7 46.9 44.4 45.2 46.0 46.5 46.7 46.7 46.7 44.6 46.9 47.0 06 30001 10.2 30.5 46.2 46.6 46.9 40.1 46.9 46.9 46.9 46.9 45.6 7000 i 30.5 40.4 43.8 45.6 45.6 46.5 46.9 47.2 47.2 41.2 47.2 **T**nuna 47:3 47.7 99.6 99.6 00.7 99.6 99.6 99.6 60.6 97.3 99.6 99.6 99.6 99.6 45001 92.9 93.1 92.8 96.2 98.0 98.0 98.8 99.3 गाउता 99.6 00.0 100.0 99.9 00.0 99.9 99.1 99.9 85.1 83.1 97.5 98.3 35un1 93.1 96.5 98.3 00.0 00.0 99.0 00.0 99.0 100.0 99.9 100.0 98.3 99.1 99.9 99.9 99.9 99.9 97.5 21001 99.9 99.9 93.1 93.1 93.1 93.1 96.5 98.3 17001 96.5 97.5 98.3 99.1 99.9 00.0 00.0 00.0 99.0 100.0 98.3 99.1 99.9 96.5 97.5 99.6 SE . 1 93.1 93.1 98.3 98.3 79.9 99.9 100.0 78.3 98.3 90.0 00.6 99.9 99.9 99.9 99.0 100.0 33.1 23.1 99.9 99.9 99.9 99.9 99.9 99.9 1.E Suci 93.1 96.5 97.5 97.5 99.1 99.6 98.3 33-1 93.I 76.5 98.3 99.1 00 K 99.9 חבססור 99.9 98.3 99.1 93.1 99.6 ΘĒ 7601 93.1 76.5 97.5 98.3 99.9 99.9 100.0 97.5 90:0 99.1 00.9 100.0 93.1 98.3 98.3 99.6 99.9 00.0 99.6 99.9 99.9 99.9 99.9 99.9 99.9 98.3 99.9 99.1 83.1 96.5 9601 . 1 97.5 98.3 99.6 15 T 93.1 3001 83.1 46.5 97.5 98.3 95.53 99.1 100.0 99.1 99.6 2001 96.5 97.5 98.3 33.1 97.1 99.9 78.3 98:3 99.6 99.9 99.5 90.7 99.9 100.0 99.1 **9E.**3 99.6 99.9 99.9 99.9 99.9

TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH STATION NUMBER: 404 780 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 71-84 MONTH: AUG HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS CEILING GE GE ĞĒ GE GÉ GE FELT GE GE GE 32 12 24 20 16 10 a 0 160 011 ao 60 48 40 42.0 42.0 NO CETE 1 32.2 40.5 43.5 2E 160001 43.4 33.1 41.8 42.1 43.1 39.2 33.1 41.2 42.1 42.1 43.7 43.7 43.7 43.7 43.4 43.2 43.7 33.1 41.7 43.1 39.2 42.1 43.4 43.1 43.7 43.7 120001 3326 41.7 47.3 44.6 44.6 GE IDOUR 34.0 62. 44.0 44.1 44.3 44.4 44.6 44.9 45.0 45.2 44.9 'nΕ 9000 45.0 45.6 ΒE 8000 34.7 417.9 43.2 43.8 44.1 44.1 45.2 7000 60001 34.7 40.9 45.0 45.2 45.3 45.6 45.6 99.8 99.4 99.4 SOOR üΕ 4500 99.5 99.8 99.8 4000 95.1 VR.O 98.3 98.3 98.3 99.2 99.4 99.5 99.5 99.7 77.6 99.8 99.8 99.8 GE 97.4 98.0 99.5 99.7 85.9 98.3 99.2 3000 AR.9 98. 99. 98.9 95.1 97.4 98.0 98.3 98.3 99.4 99.5 99.5 99.3 99.8 99.8 GE. 2000 98.0 98.3 99.2 99.5 99.8 99. 48.9 98.3 99.5 97.4 99.4 90:1 00.H 99.1 99.7 99.A 99.3 99.2 100.0 88.9 95.1 98.0 98.3 99.4 G€ 15001 100.0 100.0 100.0 100.0 99.4 100.0 100.0 99.5 99.5 6 F 9001 98.9 95.1 97.4 98.0 98.3 98.3 99.2 99.4 99.7 99.8 100.0 100.0 100.0 79.7 99.5 99.5 99.7 170.0 100.0 100.0 99.7 99.5 r. • 700 RA . 9 95.1 97.4 98.4 98.3 98.3 99.2 99.4 99.8 100.0 100.0 100.0 100.0 18:9 σŧ FDU 99.7 100.0 100.0 98.3 GE 9001 H8.9 95.1 97.4 98.0 98.3 98.3 99.2 99.4 99.5 99.5 99.8 100.0 98.3 98.3 99.4 99.5 100.0 98.0 99.2 E F 3071 RB:9 75.1 77:4 98.3 99.5 99.5 99.7 GE 21.01 95. 97.4 98.1 99.2 99.4 99.8 100.0 100.0 100.0 10" 99.4 100.0 100.0 PR.V 95.1 98.0 98.3 98.3 99.4 99.5 99.5 99.7 TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS GLOBAL PLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICEZMAC PEDIOU OF RECORD: 77-84
MONTH: AUG HOURS(LS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA HOURS (LST): ALL VISIBILITY IN HUNDREDS OF METERS CEILING GE 32 GE GE GE GE ĞE GE 160 86 40 20 16 10 12 NO CETE 1 50.3 50.6 50.7 50.8 50.6 50.8 50.8 28.0 28.0 50.3 51.6 52.5 52.5 52.5 20000 BR. C 52.3 52.3 52.5 52.5 GE 18000 46.6 50.3 50.4 52.5 52.D 52.4 52.4 52.7 GE TEUUT 78.D 38.4 96.6 48.9 50.3 50.0 51.6 52.0 52.3 52.3 52.3 52.5 52.5 52.5 52.6 52.6 GE 14000 50.3 50.4 46.6 52.0 GE TZUUU 38.6 46.5 49.1 50.6 50. 52.1 52.8 52.9 GE 100011 47.5 52.6 52.8 53.1 53.4 53.6 53.7 53.8 53.7 53.8 53.7 53.8 53.7 53.2 29.1 29.2 53.2 54.3 80001 39.6 48.1 50.4 51.8 53.7 54.0 54.1 54.2 54.3 54.3 54.3 7000 39.7 51.9 52.1 53.8 54.1 54.2 54.3 54.4 GΕ 48.2 50.5 54.4 54.4 5000 6 H . 511.3 84.9 577.17 74.4 93.4 95.7 97.3 98.6 99.0 99.4 99.4 99.6 99.7 99.7 99.7 97.2 GE 4500 9000 85.0 95.1 99.1 99. 99.9 3500 85.0 98.7 99.2 99.6 99.8 99.8 99.8 3000 2000 98.7 99.6 99.6 99.8 99.9 99.9 99.6 38 teun 74.5 85.1 93.5 95.9 99.8 99.9 SE 1500 74.5 93.5 95.9 97.3 97.4 98.7 99.2 99.6 99.8 99.9 99.9 99.9 99.9 ti t 1707 non 97.3 97.3 97.4 99.6 99.8 99.8 99.9 6E จบท 74.5 93.6 95.9 98.7 99.2 99.6 99.9 100.0 900 74.5 89.1 93.6 95.4 100.0 GE 700 99.2 99.9 99.6 99.9 100.0 # 74.5 #511 100.0 100.0 99.2 99.8 400 99.6 99.9 99.9 98.7 99.9 85.1 98.7 98.7 99.6 700 74.5 93.6 95.9 99.9 100.0 2001 93.6 95.9 97.3 99.2 99.9 99.9 100.0 100 74.5 75-1 *3.8 95.9 100.0 100.0 100.0 100:0 TOTAL NUMBER OF OBSERVATIONS: 5 342

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY RRANCH USAFETAC ATR WEATHER SYATION NUMBER: 404380 STATION NAME: PIYADH SAUDI ARABIA PEPIOD OF RECORD: 77-84 HOURS(LST): 0000-0200 MONTH: SEP VISIBILITY IN HUNDREDS OF METERS CEILING GE FEET 9n ลก un. 32 20 160 u A 24 ٥ NO CETE I 28.7 30.6 33.5 33.5 33.5 33.6 33.8 33.8 20000 28.7 33.5 33.5 33.5 33.5 33.8 33.8 33.8 33.8 33.8 GE 180un! 2A.7 30.6 32 . A 33.4 33.5 33.5 33.5 GE 16000 GE 140001 28.7 30.6 32.8 GE LUCUO 33.5 34.3 34.3 34.6 34.3 34.3 34.3 34.6 34.6 34.6 34.2 34.5 34.5 34.3 34.5 34.3 34.5 34.6 34.6 9 Cun I 31.1 34.6 10001 10001 GE 34.8 34 . 8 29.4 31.2 33.7 34.3 34.5 34.5 34.5 34.5 34.5 34.5 60001 100.0 100.0 100.0 100.0 GE 99.7 99.7 100.0 450P 94.6 96.4 98.9 99.5 99.7 99.7 99.7 99.7 90.7 100.0 100.0 बत्तवत 96.4 99.7 100.0 100.0 100.0 GE 35un1 94.6 96.4 98.9 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99 100.0 100.0 100.0 100.0 100.0 100.0 25001 94.6 100.0 100.0 100.0 100.0 GE 96.4 98.9 99.5 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 17001 100.0 100.0 100.0 GE 98.9 99.7 94.6 96.4 99.5 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 1200 100.0 100.0 100.0 10001 1000 74.6 96.4 98.9 99.7 99.7 99.7 99.7 99.7 GE 99.7 99.7 100.0 100.0 100.0 100.0 94.6 99.5 100.0 100.0 100.0 100.0 रंग्य 100.0 100.0 100.0 100.0 GE 98.9 99.7 99.7 7001 94.6 96.4 99.5 99.7 99.7 99.7 99.7 99.1 100.0 100-0 100.0 100.0 94.6 100.0 94.6 100.0 100.0 100.0 100.0 GE 94.6 98.9 99.7 99.7 99.7 100.0 4001 96.4 99.5 99.7 99.7 99.7 99.7 100.0 100.0 100.0 99.5 σŧ 3001 54.6 96.4 98.9 99.7 100.0 170.0 100.0 GE 2001 94.6 98.9 96.4 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS AIR MEATHER SERVICE/MAC STATION NUMBER: 404360 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (LS) HOURS(LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING GE 24 IN 137 GF GE GE σE σE GF GE GE GE FEET 90 60 20 80 40 16 10 Ø a 12 NO CETE 1 34.9 36.9 40.7 39.A 90.7 60.7 611.7 40.7 40.0 41.0 41.0 41.0 **GE 20000 611.** an, 9 36.9 40.7 40. 40.7 40.7 an. q 41.0 61.0 41.0 GE 18000 34.9 39.8 40.7 40.9 41.0 41.0 40.7 41.0 41.0 41.0 GE ISTUUT 36.9 41.0 40.7 40.7 411.7 40.7 40.7 un. 9 40.9 61.0 41.0 41.0 GE 14000 39.8 40.7 40.7 41.0 40.9 41.0 41.0 41.0 GE 120001 35.0 37.1 417.9 40.9 40.9 40.9 40.9 91.0 41.0 CE TOUCH 35.3 37.4 40.3 41.7 41. 41.2 41.2 41.4 41.4 41.4 41.5 41.5 41.5 90001 40.3 8000 GE 35.3 37.4 40.3 41.2 41.7 41.7 41.7 41.7 41.4 41.6 47.5 41.5 11.5 41.5 41.5 GF 20001 37.4 40.3 41.5 60000 37.9 35.3 40.3 41.7 41.2 41.2 41.7 5000 93.8 98.7 99.7 99.8 99.A Thu.h 100.0 100.0 100.0 100.0 GF 450D 93.8 95.9 98.7 99.7 99.7 99.7 99.7 99.8 100.0 100.0 100.0 100.0 100.0 93.8 98.7 100.0 GE 95.9 99.7 99. 99.7 99.7 99.R 99.8 100.h 100.0 100.0 100.0 r.F 350n l 05 0 98.7 99.7 100.0 100.0 100.0 100.0 100.0 30001 93.8 75.9 78.7 300.0 100.0 100.0 100.0 100.0 93.8 99. 99.7 99.7 78. 99.1 99.8 99.8 100.0 100.0 100.0 100.0 100.0 6 F 98.7 99.8 2000 99.7 100.0 100.0 100.0 100.0 100.0 GΕ 1800 73.8 99.7 99.7 99.7 95.9 99.7 99.7 99.8 100.0 100.0 100.0 100.0 100.0 G.F aron1 95.9 98.7 99.7 99.7 99.8 10D.D 100.0 100.0 100.0 100.0 1500 93.8 78. 100.0 100.0 100.0 100.0 100.0 100.0 1000 100.0 ŪΕ 73.8 76.7 00. 00.7 99.8 100.0 100.0 98.7 SE 900 93.8 95.9 99.7 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 8 ਹ ਜ GE 93.8 99.7 100.0 100.0 95.9 99.7 99.7 99.7 99.7 60.8 66.E 100.0 100.0 100.0 7110 91.8 98.1 99.7 100.0 100.0 100.0 100.0 កបក្ 99.7 98.7 100.0 TE 93.8 75.9 99.7 99.7 00.7 100.0 100.0 100.0 100.0 99.8 99.8 99.8 99.7 100.0 100.0 100.0 100.0 100.0 93.8 95.9 98.7 99.7 400 I 100.D 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOUPLY OBSERVATIONS ATH WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: SEP HOURS (LST): 0600-0800 VISIBILITY IN HUNDREDS OF METERS CEILING GE ĠŁ GE GE GE GE GL GE 80 60 40 12 10 83.0 77.8 81.2 NO CETL 1 20.4 46.6 73.3 83.9 84.1 84.2 84.6 GE 200001 84.2 84.6 84.6 20.4 46.6 71.3 77.A 91.2 81.2 83.0 81.9 84.1 84.4 84.6 84.6 84.2 83.9 84.2 84.4 84.6 73.3 81.2 81.2 83.0 84.1 84.2 GE TECORT 20.4 46.6 84.6 20.4 77.8 78.0 83.0 83.9 84.1 GE 120001 46.8 73.5 GE 100001 GE 90001 85.5 85.9 86.2 85.7 86.0 86.3 86.0 86.3 86.7 79.9 79.1 79.4 92.6 82.8 93.1 82.6 84.6 84.9 85.2 86.2 86.5 20.6 47.4 74.3 85.9 85.9 86.2 86.2 82.8 86.2 86.8 86.5 74.4 86.2 47.6 20.6 7000 79.4 TEF - हरफारा 70.6 47.6 AY.I 85.2 99.7 99.8 100.0 100.0 99.5 100.0 Sean 96.3 98.4 99.7 50.8 4500 33.8 92.6 96.3 96.3 98.4 99.4 99.5 99.7 99.7 100.0 100.0 ŪΕ 4000 33.8 60.8 87.6 92.6 96.3 96.3 98.4 100.0 92.6 100.0 3500 96.3 98.4 30001 87.6 100.0 6E 33.8 60.6 97.6 76.3 100.0 33.8 99.7 100.0 100.0 100.0 2500 60.8 87.6 92.6 96.3 98.4 98.4 99.5 99.7 99.7 20001 92.6 99.4 33.8 87.6 97.6 96.3 96.3 99.7 99.8 100.0 100.0 100.0 DF. 1700 67.8 1500 92.6 99.5 99.7 100.0 17071 33.8 60.8 97.6 96.3 98.4 100.0 100.0 99.7 100.0 100.0 100.0 GΕ 1000 33.8 60.8 F7.6 96.3 96.3 78.4 99.5 99. 99.8 99.4 99.7 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 9001 92.6 98.4 99.5 100.0 33.B 98.4 99.5 GE 8011 617.8 A7.6 72.6 96.3 96.3 100.0 700 60.8 98.4 800 87.6 **92.6** 99.5 56 33.E 60.E 96.3 96.3 100.0 100.0 100.0 99.8 33.8 96.3 98.4 100.0 100.0 100.0 51.11 60.8 96.3 98.4 99.4 99.7 400 100.0 100.0 99.7 99.8 3001 33.8 8 . U 8 87.6 92.6 96.3 99.5 100.0 100.0 100.0 GF 96.3 2001 100.0 GF. 1001 33.8 60.5 97.6 92.6 96.3 96.3 98.4 99.4 99.5 99.7 100.0 100.0 100.0 99.8 100.0 100.D 100.0 148 111 33.8 60.8 H7.6 97.6 96.3 96.3 Q# . 4 99.4 99.7

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THE REAL PROPERTY.

TOTAL NUMBER OF DISERVATIONS: 64

GLOBAL CLIMATOLOGY ARANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIN WEATHER STATION NUMBER: 404380 STATION NAME: RIVARH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: SEP HOURS(LST): 0900-1100 CEILING VISIBILITY IN HUNDREDS OF METERS FELT 80 60 46 40 32 24 20 16 12 10 ۵ NO CEIL 1 16.1 GE 180001 71.9 71.9 75.8 75.8 76.3 77.0 77.0 77.0 74.5 76.6 76.6 76.6 16.1 43.7 66.1 74.9 76.3 76.6 76.9 77.0 77.0 77.0 77.0 GE 140001 43.7 71.9 71.9 74.9 76.3 16.1 66. 74.5 77.0 77.0 74.5 16.1 75.8 76.6 76.9 77.0 66.1 77.0 77.0 12000 16.7 90001 16.1 43.8 72.4 74.9 66.4 75.4 76.3 77.0 77.0 77.3 77.5 77.5 77.5 77.5 77.5 76.7 76.7 GE 16.1 हराग्रा 72.7 75.2 77.0 77.8 77.8 70001 75.8 76.7 77.5 77.5 16.2 44.3 66.8 77.8 77.9 77.9 77.9 77.9 60001 94.9 GE GE 97.9 97.9 99.5 99.5 100.0 100.0 100.0 100.0 38.3 4500 88.9 97.4 66.4 98.8 99.2 99.5 100.0 100.0 100.0 100.0 97.4 97.9 9000 38.3 55.4 100.0 100.0 100.0 100.0 35001 94.9 GΕ 30.3 66.4 88.9 98.8 99.2 99.5 99.5 99.8 100.0 100.0 100.0 100.0 3000 100.0 100.0 100.0 100.0 38.3 94.9 100.0 100.0 100.0 100.0 99.5 97.9 20001 88.9 97.4 99.2 66.4 98.8 99.5 99.8 100.0 100.0 100.0 100-0 38.3 1800 55.4 98.9 98.9 99.8 100.0 100.0 100.0 100.0 94.9 1500 38.3 97.4 97.9 99.5 66.4 98.8 99.2 99.5 99.8 100.0 100.0 100.0 100.0 100.0 98.9 98.9 94.9 SE 100.0 100.0 100.0 100.0 99.8 97.9 99.5 900 99.2 38.3 66.4 97.4 98.8 99.5 99.8 100.0 100.0 100.0 100.0 207 38.3 66.4 94.9 97.9 99.5 99.5 9E 6E 100.0 100.0 100.0 7001 38.3 A8.9 97.4 99.2 99.8 66.4 98.8 100.0 100.0 100.0 100.0 σŧ 6001 100.0 100.0 100.0 100.0 500 88.9 97.4 99.B 100.0 100.0 100.0 100.0 97.9 99.2 99.5 G.E. 38.3 4601 94.9 66.4 98.8 99.5 90.A 100.0 100:0 100.0 100.0 300 56.4 100.0 100.0 100.0 100.0 GΕ 2001 38.3 94.9 97.9 66.4 88.9 97.4 98.8 99.2 99.5 99.5 99.8 100.0 100.0 100.0 100.0 100 100.0 100.0 100.0 100.0 99.8 98.8 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS:

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GLORAL CLIMATOLOGY RRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR REATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: SEP HOURS(LST): 1200-1400 CF1L1NG VISIBILITY IN HUNDREDS OF METERS FEET GΕ GE 32 GE GE GE GF GF 160 90 40 24 20 16 12 10 8 O NO CETE 1 38.1 31.4 47.1 43.6 44.3 44.3 6 8 . A 45.A 46.0 46.0 46.0 46.0 46.0 20000 42.1 44.3 46.0 46.0 46.0 46.0 46.0 66 190001 38. 46.0 46.0 46.0 46.0 DE 160001 31.4 3H.1 44.3 44.3 44.A 66.0 47.1 43.6 45.A 06.0 46.0 46.0 46.0 SE 14000 31.4 38.1 46.0 46.0 46.0 46.0 46.0 46.0 JE TZUUUT 38.1 43.6 44.3 46.0 46.7 רטטטז 45.2 31.7 38.4 42.6 44.0 64 . A 44.8 46.4 46.4 46.4 GE 90001 38.4 44.8 42.6 45.2 46.3 46.4 46.4 46.4 46.4 46.4 46.4 46.4 <u>មលាល (</u> 44.0 45.2 Œ 31.7 42.6 44.H 46.3 46.4 7000 46.4 46.4 46.4 46.4 SCOUL 38.4 31.7 47.6 44.0 84.8 44.A 15.7 46.3 46.4 9.9 5000 92.0 96.1 97.6 98.4 98.4 QA.A 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 98.4 98.4 98.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 वरणा 92.C 97.6 100.0 85.3 76.1 TH. R 100.0 100.0 100.0 100.0 3500 92.0 96.1 98.4 98.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 103.0 100.0 3000 77.0 76.1 98.4 98.4 100.0 ס-נים ד 100.0 100.0 100.0 100.0 100.0 100.0 25011 35.3 92.0 76.1 97.6 98.4 98.4 98.8 100.0 100.0 00.0 20001 92.0 96.1 97.6 98.4 98.4 98.8 107.0 100.0 100.0 100.0 12001 98.4 99.9 85.3 97.U 95.1 97.6 78.4 UR . R 100.0 100.0 100.0 100.0 GF 15001 92.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 12001 85.3 92.0 96.1 97.6 98.4 98 6 78.A 100.0 TOO. O 100.0 Taun 35.3 92.0 96.1 97.6 98.4 98.4 98.4 98.8 98.8 170.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 9001 92.0 100.0 107.0 100.0 100.0 100.0 GE ខេត្តបាន 75.3 92:0 95.1 97.6 प्रस्ति स 77.4 98.8 99.9 100.0 100.0 100.0 100.0 100.0 υ£ 7401 92.0 96.1 97.6 98.4 100.0 100.0 troa A5.3 92.0 75°. T 97.6 78.4 98.4 98. R 00.0 100.0 100.0 100.0 100.0 100.0 ס.סינ 75.3 92.0 96.1 78.4 78.4 DA.A 99.9 100.0 100.0 100.0 100.0 100.0 GE 400 92.0 96.1 76.1 78.8 100.0 100.0 100.0 100.0 100.0 300 35.3 97.6 98.4 9A.4 VR.R 00.0 100.0 100.0 100.0 100.0 100.0 GF 260 92.0 97.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 92.0 75.1 R5.3 97.6 98.4 98.4 GR. R 100.0 100.0 100.0 100.0 100.0 100.0 99.9 170.0 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS: 672

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SPRVICE/MAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: SEP HOURS(LST): 1500-1700 CEILING VISTBILITY IN HUNDREDS OF METERS CEILING IN | 51 FEET | 160 GE GE GΕ GE 32 GE GF GF GE GE ΒĒ GE 90 40 24 20 NO CEIL I 37.6 33.8 40.5 40. A 42.6 41.6 42.0 42.6 42.6 6E 200001 6E 200001 42.6 42.6 33.8 37.6 40.5 40.6 41.6 42.0 42. 42.4 42.6 42.6 42.6 41.6 40.8 42.4 42.6 42.6 41.6 33.8 37.6 40.5 40.8 42.0 47.3 42.4 47.6 43.6 47.6 47.6 65 1400nl 40.5 40.8 41.6 42.6 5E 120001 33.8 37.6 40.5 47.5 41.5 92.0 42.3 42.4 42.6 42.6 SE TUODO 34.4 38.2 41.1 41.6 42.3 42. 43.0 43.2 43.2 43.3 43.3 43.3 43.3 43.3 90001 38.2 41.6 43.3 ខាលពា वा.य 92.6 92.6 43.0 43.3 93.5 43.5 43.6 83.6 47.6 43.6 43.6 7000 38.9 60001 44.1 44.2 35.1 38.9 47.0 47.4 43.2 43.2 43.8 वयः 2 44.3 44.3 44.3 44.3 44.3 911.6 78.7 99.6 00.0 00.0 99.9 99.9 45001 90.6 94.4 97.5 98.7 98.7 4000 90.7 94.6 97.7 99.9 100.0 98.1 98.8 98.8 77.4 99.7 99.9 100.0 100.0 100.0 100.0 GĒ 35001 90.7 94.6 97.7 98 - 1 98.8 98.8 100.0 100.0 100.0 100.0 100.0 20001 70.7 94.6 98.1 98.8 98.8 99.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 25001 711.7 94.6 VK . 8 99.1 100.0 100.0 100.0 100.0 2000 | 1800 | 94.6 97.7 98.1 98.8 98.8 100.0 100.0 100.0 100.0 70.1 94.6 97.7 98.1 98.8 98.8 99.4 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 GF 1500 90.7 94.6 97.7 98.1 100.0 100.0 100.0 100.0 100.0 12001 70.7 94.6 98.1 98.8 78 . B 100.0 100.0 I file a 100.0 91.1 98.8 98.8 99.7 99.9 100.0 1000 70.7 94.6 98. 48.5 100.0 100.0 100.0 100.0 6 F 94.6 100.0 100.0 100.0 100.0 8001 90.7 74.5 97.7 98.1 98.8 78.8 99.4 99:7 77.7 77.7 99.9 100.0 100.0 100.0 100.0 ם. מסנ 5E 7001 90.7 94.6 97.7 98.8 99.4 99.7 100.0 100.0 100.0 100.0 100.0 6001 94.6 90.7 98. 98.8 99. 100.0 100.0 100.0 100.0 100.0 5001 UE 40.7 94.6 95.1 V8.8 99.4 TUD-D 100.0 100.0 100.0 100.0 4001 94.6 98.1 GE 90.7 97.7 98.8 94.8 99.4 99.7 99.9 100.0 100.0 100.0 100.0 100.0 GE 97:7 98.1 90.7 78.8 98.8 99.4 99.9 100.0 100.0 100.0 100.0 100.0 97.1 GF 240 [98.8 100.0 100.0 100.0 100.0 100.0 1001 94.5 70.7 78.8 99.9 100.0 100.0 100.0 100.0 100.0 Tro. D 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY HRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFLYAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 17-84
MONTH: SEP HOURS!LS HOURS (157): 1800-2000 VISIBILITY IN HUNDREDS OF METERS CEILING GE 32 GE 20 GF GE GE GĒ GE GL 9 D 160 80 66 48 40 16 10 0 38.1 36.1 37.5 37.7 38.3 38.9 38.9 39.0 NO CETE T 31.7 39.0 39.2 39.2 39.2 39.2 39.2 GE 20000 16.1 38.9 38.9 39.0 39.0 39.2 39.2 39.2 77.5 17. 38. 30.3 38.9 10.0 19.2 39.2 39.2 39.2 37.5 39.0 38.1 31.7 39.2 39.2 38.3 38.9 36.1 37.7 GE 160071 39.2 37.7 39.3 39.3 CE 120001 31.7 36.3 17.6 38.3 38.4 39.0 39.0 39.2 39.2 39.3 39.3 19.1 38.6 39.5 39.8 GE TOCON 36.4 18.0 39.6 39.8 39.8 39.8 39.8 40.5 40.2 39.3 80001 36.9 38.7 39.5 40.2 32.2 38.4 40.4 40.5 40.7 40.9 40.9 40.9 40.9 38.4 41.0 7000 40.7 41.0 41.0 40.5 6000 36.9 38.4 34.5 19.5 39.6 40.4 40.5 40.7 40.7 40.9 41.0 41.0 41.0 41.0 90.A \$000 4500 97.3 98.3 98.3 99.2 99. 99.5 00.1 40.4 99.6 99.4 99.5 वग्राम 91.2 95.9 97.4 97.9 98.5 98.6 99.4 99.7 99.8 100.0 100.0 100.0 100.0 99.4 100.0 100.0 71.2 75.7 GF 30001 77.4 98.5 A.RP 00.5 90.7 99.R 100.0 100.0 TOO. O 100.0 100.0 100.0 2500 95.9 97.9 78.5 98.5 99.4 99.5 99.7 99.8 98.6 100.0 100.0 100.0 100.0 100.0 18001 71.2 95.9 97.4 97.9 78.5 98.6 99.4 99.5 99.7 99.7 99.8 100.0 100.0 100.0 100.0 15001 95.9 98.5 99.5 100.0 100.0 100.0 17001 71.7 95.9 77.9 98.5 OR.A 00.5 55.1 100.0 100.0 100.0 100.0 99.5 99.5 99.5 99.7 99.7 99.7 99.8 100.0 100.0 100.0 100.0 1000 91.2 95.9 97.9 98.5 98.6 99.4 99.7 9001 95.9 97.4 99.4 99.7 100.0 100.0 100.0 100.0 75.7 97.4 RUTT 71.2 77.5 78.5 98.A 90.7 00.R 100.0 100.0 100.0 100.0 740 100.0 100.0 100.0 GΕ 6071 91.7 77.3 98.5 100.0 100.0 100.0 97.9 97.9 97.3 99.7 99.7 99.7 รมส 98.5 99.6 99.4 99.5 99.7 99.A 100.0 100.0 100.0 100.0 99.4 99.5 4un∫ 100.0 100.0 100.0 100.0 GE 3001 71.7 95.9 97.4 78.5 A. KO 99.7 00.A 100.0 100.0 100.0 100.0 100.0 100.0 1001 97.5 76.5 100.0 100.0 100.0 100.0 71.2 78.5 UR.A 00.6 99.5 99.7 00:7 99.8 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLUBAL CLIMATOLOGY BRANCH AIR GEATHER PEPIOD OF RECOPD: 77-84 MONTH: SEP HOURSILS STATION NUMBER: 4043HO STATION NAME: RIVADH SAUDI ARABIA HOURS(LST): 2100-2300 VISIBILITY IN HUNDREDS OF METERS CETLING GE 24 GE GE 32 FEET 160 91) ខ្ម ųΩ 20 16 12 10 5 a 611 46 NO CETE 1 :3 - 72.7 - 35.1 37.4 37.5 37.5 37.7 37.8 37.8 37.8 37.8 36.8 37.5 37.5 37.5 37.8 37.8 37.8 GE ZUNDIT 32.7 35.1 37.4 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.5 37.8 37.8 . 3 36.0 37.7 37.8 16000 37.5 37.5 37.5 37.5 37.5 37.8 37.8 SE THOUD! 35.1 37.4 37.5 37.5 37.8 • 3 32.7 36.8 120011 37.B TRATI TR.D TR. II 38.D 38.0 38.0 38.3 38.0 38.0 38.3 ו חשחם ב ן חשח פ 38.0 38.0 38.0 36.0 38.1 33.U 33.U 35.6 37.8 37.8 38.0 38.0 38.3 38.3 38.3 38.3 36.0 38.0 38.3 38.3 38.3 38.3 ROOM 33.3 35.9 37.5 38 / 1 38.3 38 - 3 38.3 38.3 TN. 4 TR. K **TR.** 6 GΕ 38.1 38.3 38.3 38.3 38 . 6 38.6 700n 37.5 38.3 38.3 38.6 רטוזם ₹# . ₹ THAK A.RF **TR. K** TR.6 99.7 100.0 STILL 94.7 97.3 99.7 100.0 100.0 inn.n JE JE 4500 98.9 100.0 100.0 पण्टता 94.7 98.9 99.5 77.1 99.7 99.7 99. 77.1 99.7 99.8 100.0 100.0 100.0 100.0 94.7 35001 98.9 100.0 3000 74.7 77.8 100.0 100.0 100.0 100.0 99.7 100.0 100.0 51 250TT 78.5 77. 100.0 100.0 18001 <u>عن</u> 50 94.7 97.3 99.7 100.0 - 3 94.7 78.7 99.5 79:7 99.7 99.7 99.7 99.7 99.8 100.0 100.0 79.7 100.0 99.5 1560 94.7 97.3 98.9 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 1700 78.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 5F 9401 94.7 97.3 98.9 99.7 99.7 99.7 99.7 99.7 99.8 100.0 98.9 99.7 PDIT 74.7 99.7 99.7 100.0 99.7 99.7 100.0 tı E 700 94.7 97.3 98.9 99.5 99.7 99.1 100.0 100.0 98.9 100.0 100.0 100.0 GF. កច្ចា 5वर 99.7 99.7 99.8 100.0 100.0 100.0 100.0 ſ,Ε 4LP 24 - 7 97.3 99.5 99.7 99.7 99.7 99.7 99.7 99.8 100.0 100.0 100.0 99.7 100.0 98.9 99.7 99.7 99.7 99.7 100.0 6E 2001 94.7 99.5 100.0 100.0 100.0 TUIT 100.0 99.7 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS: 606

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GLUJAL CLIMATOLOGY RRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE / MAC STATION NUMBER: 404380 STATION NAME: RIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: SEP HOURS(LST): VISIBILITY IN HUNDREDS OF METERS CEILING GE GE 32 ĞĒ GE GĒ GÉ G E ĞÉ GE ĞĒ GE FEET 80 24 20 160 90 60 48 40 12 10 0 NO CEIL I 28.8 38.1 46.0 49.8 49.9 50.0 50.1 50.1 50.1 50.1 38.1 38.1 50.1 20000 50.0 50.1 50.1 50.1 GE LACON 50.1 50.1 ٠. 28.8 46.0 47.8 48.A 48.8 49.4 49.7 40 A 49.9 50.0 50. GE 16000 46.0 48.8 50.1 49.7 50.D 50.1 48.8 49.4 49.8 49.9 50.0 50.1 6E 140001 . 17 28.8 38.1 46.0 47.8 48.8 49.7 50.0 50.1 50.1 CE 12000 50.2 50.2 GE TOCUO 50.0 50.5 50.7 50.8 50.8 50.8 50.B 46.5 5n.5 GE 49.5 50.1 50.5 50 • 6 50 • 9 50.8 50.9 50.9 90001 - 0 29.1 38.5 48.4 49.6 50.6 50.9 29.2 8000 50.8 70upl 38.8 51.0 ьE • 0 46.8 48.8 49.8 49.9 50.5 50.8 51.0 60001 5000) 4500 78.0 78.0 95.5 97.5 97.5 98.5 98.5 99.7 99.7 100.0 87.5 87.5 99.9 100.0 100.0 υE .0 98.6 99.2 4.00 99.R 00.0 100.0 100.0 100.0 acun 100.0 100.0 100.0 100.0 95.6 6F. 35001 .0 78.D 87.5 97.5 98.6 98.6 99.2 99.6 99.7 99.8 100.0 100.0 100.0 100.0 31100 100.0 100.0 100.0 5011 78.0 100.0 100.0 100.0 100.0 GE 2000 • 0 76.0 87.5 95.6 97.5 98.6 98.6 99.2 99.6 99.7 99.8 99.9 100.0 100.0 100.0 100.0 GE GE 18001 97.5 98.6 99.2 99.6 99.8 99.8 : 0 78.0 87.5 95.6 99.7 100.0 100.0 100.0 78.0 95.6 98.6 • 0 99.7 87.5 99.9 100.0 100.0 100.0 100.0 12001 78.0 100.0 100.0 100.0 87.5 87.5 87.5 OWL 99.2 99.8 100.0 100.0 100.0, 100.0 GF. 78.0 900 95.6 . 0 97.5 98.6 98.6 99.7 99.R 99.6 99.9 100.0 100.0 100.0 100.0 RUTT 78:0 95.6 97.5 99.7 99.1 100.0 100.0 100.0 6 E 700 95.6 75.0 97.5 98.6 98.6 99.2 99.6 99.8 99.9 100.0 100.0 100.0 100.0 FOOT 100.0 100.0 87.5 87.5 87.5 87.5 95.6 97.5 97.5 98.6 98.6 100.0 100.0 78.0 99.2 99.7 4001 99.6 99.8 99.9 98.6 100.0 100.0 100.0 100.0 98.6 98.6 99.2 99.6 99.7 100.0 GE 7001 -11 78.0 95.6 97.5 98.6 99.8 99.9 100.0 100.0 100.0 2001 76.0 .0 95.6 97.5 98.6 99.8 99.9 100.0 100.0 100.0 78.C 97.5 GE 1001 87.5 95.6 100.0 100.0 100.0 100.0 99.8 95.6 96.6 98.6 99.7 99.9 100.0 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 5241

GLOHAL CLIMATOLOGY ARANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS(LST): 0000-0200 MONTH: OCT CEILING VISIBILITY IN HUNDREDS OF METERS GE 9U GE GE GE FEET 80 32 160 20 60 48 40 24 16 12 10 8 ٥ NO CEIL I 27.7 29.5 31.0 31.5 31.5 31.6 31.6 31.6 enonin' 27.9 29.7 31.6 31.6 31.6 31.8 31.8 31.8 31.8 31.6 31.6 31.6 31.8 31.1 SE IBNUNI 31.1 31.6 31.6 31.8 SE IBOUGI 27:9 29.7 31.1 31.6 31.6 31.8 31.8 GE 140001 31.6 31.1 31.1 31.6 31.6 31.6 31.6 31.6 31.9 31.6 31.8 31.8 GE 12000 78.2 6E 100001 28.5 32.3 33.5 32.4 32.3 33.7 31.5 32.9 33.1 33.5 33.5 33.7 33.7 33.9 33.9 33.9 GE 80001 30.2 32.4 33.9 34.0 34.5 34.5 70001 34.7 úξ 30.5 32.6 34.2 34.7 34.8 34.8 34.8 35.0 35.0 34.0 34.7 34.7 34 - 8 35.0 35.0 **EUUni** 30 - 3 98.4 99.2 रागाम 74.5 98.2 98.9 98.9 98.9 98.9 98.9 98.9 99.0 99.0 99.0 99.2 99.2 68 96.8 99.2 99.0 99.0 99.2 9000 98:5 95.8 78.7 35001 97.3 99.4 94.7 98.7 98.9 99.4 99.4 99.4 99.5 99.5 99.7 99.5 99.5 99.7 99.7 GF 30001 75.7 99.5 99.8 99.8 G.F. 97.3 98.9 99.0 99.5 99.5 99.7 99.8 99.5 99.7 99.7 99.7 99.8 99.8 99.5 18001 78:7 98:9 99.0 99.5 99.7 99.2 99.8 1500 74.7 97.3 99.0 99.7 99.7 99.7 97.8 99.8 99.8 100.0 100.0 100.0 99.0 σŧ 12001 99.2 100.0 100.0 100.0 पव: 99.7 99.7 99.7 99.8 99.8 100.0 100.0 100.0 99.7 ĢΕ 9001 94.7 97.3 99.0 99.2 99.8 99.8 100.0 100.0 100.0 G. 8001 711.7 97.3 99.0 99.7 100.0 100.0 100.0 99.0 99.7 94.7 97.3 99.2 79.7 99.7 99.B 99.8 99.8 94.8 100-0 100.0 100.0 30 FOOT 75:7 mo. 94.7 91.3 99.7 99.7 99.7 99.7 99.8 99.B 99.B 99.8 100.0 100.0 100.0 99.ü 99.2 100.0 100.0 100.0 7001 99.2 99.7 99.7 99.7 99.7 99.8 TIT 78.7 97:3 99:0 99.8 99.8 77.8 100.0 100.0 100.0 zuni 97.3 99.0 ΘE 94.7 99.8 99.8 99.8 100.0 100.0 100.0 99.0 0£ 1001 74.7 97.3 99:2 100.0 99.8 100.0 100.0 100.0

TOTAL NUMBER OF UPSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: PIVADH SAUDI ARABIA MONTH: OCT HOURS(LST): 0300-0500 VISIBILITY IN HUNDREDS OF METERS CEILING IN FEET GE 48 GE 32 GE 24 GE 20 GE σE GE GE ĜΕ GE GE GE GF 160 ٩u 80 40 10 60 16 NO CETE T 75.7 36.3 36.6 36.9 74. A 16 A 36.6 37.0 37.0 37.0 36 • 5 36.8 36.8 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 Zanca 3.9 36.8 36.1 GE 18000 35.6 36.5 36.8 36 . 8 37.0 tranat 33 3379 36.5 36.8 36.8 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 37.0 35.6 GE 14060 36.8 36.8 37.0 37.0 37.0 13.9 36.5 36.8 37.0 37.0 37.0 37.0 5E 120001 10000 38.0 36.6 38.0 38.D 39.4 38.0 34.9 37.6 37.9 38.0 38.0 38.0 38.0 38.0 39.8 39.4 41.1 GE 90001 39.0 39.3 39.3 39.3 39.4 39.4 39.4 39.4 36.3 39.4 39.4 8000 **40.** 7 41.0 41.0 41.1 41.1 41.1 41.1 41.1 1000 39.8 41.0 65 40.1 41.0 41.0 41.1 41.1 41.1 41.1 41.1 41. **Grun** TIT: 98.0 STITE 97.0 97.0 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 45001 75.0 98.0 98.4 98.4 98.4 98.4 98.3 40001 35001 97.0 98.3 98.8 98.4 98.9 98.4 98.4 98.4 98.4 98.4 65 75.U 98.0 98.3 98.4 98.4 98.4 95.3 99.8 98.8 98.4 98.9 υĒ 98.9 98.9 3000 75.3 98.4 98.9 75.7 75.7 98.6 98.8 98.9 99.1 98.9 98.9 99.1 99.1 *51111 99.1 99.1 99.1 99.1 56001 97.8 99.2 99.2 99.2 99.2 99.2 99. 99.4 99.0 55 18001 75.8 98:0 98.4 99.2 99. 77.7 99.4 GĘ 75.8 15001 98.0 99.1 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.4 99.5 99.5 1200 75.8 99. 99.5 00.7 75.8 75.8 99.8 100.0 1000 100.0 100.0 100.0 100.0 100.0 0£ 6€ 99.5 99.8 9001 98.L 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 TE -ennt 95.8 98.0 77.5 79.8 99.8 99.B 100:0 וו.טסו 100.0 ם.חם ב 100.0 100.0 1110:0 100.0 100.0 7001 99.5 99.8 99.8 υE 98.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ΒĘ ចរូប 75.8 on: D 77.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99. • 1111 95.8 98.0 99.8 100.0 100.0 100.0 170.0 100.0 100.0 ЬE 4061 95.8 98.0 99.5 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 U.E *1117 75.8 98:U 99.5 99.8 100.0 ט.טריו 100.0 100.0 100.0 100.0 95.8 2001 99.0 99.5 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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TOTAL NUMPLE OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOUPLY OBSERVATIONS STATION NUMBER: 404380 STATION NAME: PIYADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: OCT HOURS(LST): 0600-0400 CEILING VISIBILITY IN HUNDREDS OF METERS GE 32 GE 6E FEET 160 Qυ 60 20 80 48 40 16 1 Z 10 u NA CEIC L 47.6 - 64.3 73.4 73.4 73.7 73.7 73.7 20000 73.6 75.5 75.5 73.7 75.5 75.5 75.5 75.8 75.2 75.2 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 180001 24.8 48.9 65.7 70.8 75.2 73.6 75.2 75.5 1000al 30 48.9 65.7 70.8 6E 14000] 49.2 66.0 71.1 74.1 75.5 75.5 75.8 75.8 75.9 75.8 75.8 75.9 75.8 75.9 हर उराजा 49.4 90001 67.8 69.0 75.6 77.0 75.8 77.2 77.2 78.6 77.5 77.5 78.9 17.5 77.5 77.5 77.2 24.6 51.7 74.1 78.6 78.6 78.9 78.9 80.7 78.9 GE ខេបបប 70.6 80.3 80.7 80.3 80.3 80.7 80.7 1000 27.8 75.6 78.8 53.3 70.6 78.6 80.3 80.3 80.3 80.7 88.7 AD. 7 80.7 80.7 80.7 60001 9U.3 80.3 80.7 50001 45001 45.6 71.1 96.4 78.1 98.1 98.4 98.1 98.4 98.4 98.4 98.4 88.4 93.4 96.4 98.1 98.1 98.4 98.4 98.4 98.5 45.6 96.5 98. 98.4 98.4 98.4 GF 40001 95.6 71.1 88.5 96.5 35001 93.7 45.6 96.9 98.4 98.4 98.7 98.4 98.7 98.7 98.7 98.7 98.7 10001 99.1 71.7 95.9 89.2 89.2 94.2 97.2 98.9 99.1 99.2 99.7 99.2 99.2 97.5 98.9 98.9 99.1 99.2 20601 45.9 99.4 15001 94.2 竹学 4579 71.7 97.3 71.7 99.4 99.2 99.1 99.1 99.4 99.4 99.4 99.5 97.5 99.1 99.4 99.4 12001 71.9 roon 45.9 89.3 89.3 97.5 99.8 100.0 94.3 99.4 97.6 99.2 99.4 99.7 99.7 99.8 99.A 100.0 71.9 89.3 89.3 99.4 99.7 99.8 85 **** 45:9 94-1 97.5 97.6 99.4 99.8 100.0 7601 ĿΕ 94.3 97.5 97.6 99.2 99.4 99.7 99.A 100-0 cont 45:9 100.11 45.9 99.4 100.0 97.6 99.2 400 l 97.5 11.9 89.3 94.3 99.4 99.8 45.9 99.1 99.7 90.8 99.A 100.0 200 95.9 71:7 100.0 sun i 89.3 97.5 97.6 99.2 99.4 99.4 99.7 99.7 99 . A 99.8 99.8 100.0 TOP TOOL 100.0 99.7 99.8 99.8 99.8 100.0 TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFLTAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE THAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI APABIA PERIOD OF RECORD: 77-84 HOURS(LST): 0980-1100 MONTH: OCT VISIBILITY IN HUNDREDS OF METERS

GE GE GE GE CEILING GE GE ĞĒ FEET 40 160 'nО 10 1 911 64 48 32 24 20 16 12 8 0 34.0 53.2 60.5 NO CETE 71.2 71.2 71.2 20000 15.7 35.6 55.5 68.7 69.3 71.6 71.9 71.9 71.9 71.9 71.9 71.9 72.0 6E 180001 15.7 35.6 35.6 55.5 63.0 68.7 69.3 71.8 71.9 71.9 71.9 71.9 72.0 65 150001 65 140001 55.5 63.0 68.7 55.5 63.0 69.2 69.3 71.2 71.9 71.9 15.6 71.8 71.9 71.9 71.9 71.9 72.0 GE TONUN 58.1 74.6 75.6 74.6 75.6 77.4 73.9 74.5 75.5 74.8 71.3 74.6 38.8 75.6 75.6 75.6 75.8 90001 17.3 66.6 72.3 72.9 74.9 75.6 80001 40.2 60.5 69.2 14.6 70001 40.2 60.5 68.2 73.9 74.5 76.7 11.2 77.4 77.4 77.4 77.4 77.4 6000 50001 38.9 60.5 80.8 88.5 94.2 97.7 97.8 97.7 97.7 97.7 97.7 45601 60.8 80.8 #1.4 88.5 94.2 94.8 97.0 97.6 97.7 97.7 97.7 97.7 97.7 मा छा। 61.7 95.2 98.6 99.7 GΕ 35001 39.0 A1.7 89.5 95.8 98.0 98.7 98.7 98.7 98.7 98.7 98.8 3000 25001 39.3 61.7 82.3 98.6 99.1 99.3 99.3 99.3 GE GE 96.0 96.5 99.4 99.4 99.6 90.1 99.4 99.4 99.4 99.4 ויטיו **72.3** 90.1 99.3 96.0 96.5 GΕ 61.7 82.3 72.3 98.7 99.3 99.4 99.4 99.4 15071 39.3 90.1 96.0 96.5 99.4 99.4 99.4 99.6 12001 99.6 99.9 ומטסד 39.3 61.7 82.3 90.1 96.0 99.4 99. 99.4 99.4 99.6 98. 61.7 82.3 82.3 98.7 99.3 99.4 99.4 99.4 99.4 99.6 99.9 GE 9601 39.3 90.1 96.0 96.5 99.6 90.1 96.0 96.5 GΕ 39.3 99.3 99.4 99.4 98.4 GF 7001 10.1 A2.3 90.1 96.0 96.5 98.7 99.4 99.4 99.6 4.00 09.0 6001 39.3 96.5 99.6 99.6 39.3 61.7 82.3 82.3 90.1 96.0 99.3 99.4 99.9 99.6 GE 4001 39.3 90.2 96.1 96.7 98.8 99.4 99.6 99.6 99.6 99.7 100.0 99.7 3071 61.7 MZ.3 90.2 76.1 98.8 99.4 99.6 99.5 99.6 100.0 37.3 99.4 99.6 100.0 GE 2001 39.3 A2.3 90.2 96.1 96.7 94.4 99.6 99.6 99.6 99.7 09.7 76.1 1001 99.6 90.2 98.8 99.6 99.6 99.6 99.7 39.3 61.7 92.3 96.1 96.7 99.4

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TOTAL NUMBER OF OBSERVATIONS:

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GLORAL CLIMATOLOGY PRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATH WEATHER SERVICE /MAC PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA HOURS (LST): 1200-1400 MONTH: OCT CEILING GE 24 GE 32 20 20 FEET 40 16 90 60 48 12 10 45.8 44.8 45.5 45.5 45.6 45.8 -- -- 56.7 40.4 43.5 48.2 48.2 48.2 GE 200091 42.7 46.5 47.1 75.0 28.0 42.7 GE 180001 47.1 47.2 47.A 47.9 47.9 48.1 48.2 48.2 48.2 48.2 45.9 4A.2 48.2 ST IBRORT GE 14000 46.2 47.4 47.5 48.1 48.2 48.2 48.2 98.4 48.5 48.5 48.5 48.5 GE 120001 51.8 51.8 SE 100001 50.1 50.6 50.8 51.4 51.5 51.5 51.5 51.6 51.8 45.9 69.2 52.8 31.2 50.4 उद्द हरायणी 52.6 47.6 **TI**.17 52.1 32.0 7000) 32.0 47.6 \$2.6 52.8 53.4 53.5 53.5 53.5 53.6 53.8 53.8 53.8 53.8 GE **50001** 32.U 51.1 98.3 98.7 5000 96.0 97. 92.6 97.6 45601 92.6 97.0 97.6 97.7 98.3 98.4 98.4 98.4 98.6 98.7 98.7 98.7 98.7 99.6 93.2 97.7 98.4 99.3 5E वाग्धरा 77.5 96.6 3500 98.6 98.7 99.3 99.4 99.4 99.4 99.6 99.7 99.7 99.7 99.7 93.4 76.7 48.7 30001 77.7 99.6 99.9 99.9 2000 98. 99.4 99.6 76.3 98.0 93.4 98.0 99.9 77.7 96.9 98. 99.4 99.7 100.0 100.0 100.0 100.0 99.4 99.7 TACH ! 78.7 99.7 GE 77.7 98.8 96.7 98.9 99.4 99.7 99.7 99.7 99.9 100.0 100.0 100.0 100-0 75.7 17001 98.1) 78. 99.4 99.4 99.4 99.7 99.7 99.7 99.7 99.9 100.0 100.0 100.0 98.9 1060 77.7 93.4 76.9 98.0 १००। १००। 77.7 77.7 93.4 96.9 98.0 98.0 98.9 99.7 99.7 100.0 100.0 98.7 99.9 100.0 100.0 100.0 100.0 98.7 TE 93.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.0 98.7 DE 6001 76.7 100.0 100.0 96.4 OR. II VR. 99.4 99.7 99.7 100.0 SHILL 93.0 93.4 93.4 98.0 98.0 98.7 98.9 99.4 99.7 99.7 96.9 100.0 100.0 100.0 100.0 99.7 100.0 100.0 100.0 100.0 उत्तर है TEF 77.7 100.0 200 96.9 99.4 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: OCT HOURS(LST): 1500-1700 CEILING VISIBILITY IN HUNDREDS OF METERS GE GE GE GE GE GĒ 124 GE 20 40 32 12 10 Ω 33.8 ₹8.0 38.3 38.5 38.5 38.6 38.6 38.8 38.8 38.8 30.8 36.8 NO CETL T 36.6 38.3 38.3 38.5 39.9 40.2 40.2 40.3 40.5 40.5 40.6 40.6 40.2 40.3 40.6 40.6 40.6 20000 35.6 38.5 39.9 40.2 40.3 40.6 40.2 40.3 40.5 40.6 40.6 40.6 40.6 40.3 40.2 40.5 40.6 40.6 40.6 GE 160601 35.6 40.6 40.9 40.9 GE 120001 44.7 44.3 44.4 44.6 44.7 GE LUCUOI 38.6 42.1 44.0 44.3 44.3 44.4 44.6 44.7 44.7 44.7 42.4 44.7 44.6 44.6 44.6 44.7 45.7 45.7 39.0 44.8 44.8 45.0 45.D 45.6 45.7 45.7 BEDE 5E 39.2 45.7 45.7 45.9 43.0 45.6 46.0 46.0 46.0 46.0 46.0 46.0 υE 6000 39.5 45.0 45.6 45.6 95.5 98.3 98.3 98.5 98.4 98.4 5000 97.5 98.1 98.1 98.1 92.1 4500 97.8 98.4 98.4 98.4 98.5 98. 98.8 98.8 98.8 98.8 98.8 σE 40001 72.6 96.2 98.4 99.11 99.0 99.0 99.1 98.8 99.4 99.6 99.6 99.7 3Fun i 72.9 99.4 99.4 99.1 99.9 99.9 99.9 99.9 100.0 100.0 100.0 GE 3000 72.9 96.8 99.3 99.6 99.6 100.0 100.0 100.0 99.9 2500 99.0 99.6 99.7 99.9 2000 92.9 96.6 99.0 99.6 99.6 99.6 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1800 92.9 99.0 99.6 99.6 99.6 99.7 35 96.8 1560 92.9 99.3 99.6 99.6 99.7 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF. T2001 77.9 96.8 99.0 99.6 99.6 103.0 100.0 100.0 100.0 100.0 99.9 117011 99.6 99.6 99.7 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 95.F 99.0 99.6 99.6 99.7 99.7 100.0 100.0 T, F 80" 92.9 99.6 99.6 99.0 99.9 760 99.7 99.7 99.9 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 UE ह्या । 92.9 75.7 99.0 99.9 100.0 100.0 100.0 100.0 100.0 99.5 500 92.9 99.0 99.7 99.9 100.0 400 99.6 99.6 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3071 77.9 99.5 77.6 99.6 GE 95.E 99.0 2มก 99.6 99.7 99.9 100.0 100.0 100-0 100.0 100.0 GE 100.0 100.0 100.0 95.8 99.0 77.5 99.6 TUTT 99.9 100.0 100.0 100.0 100.0 100.0 96.E 99.6 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL PLIMATOLOGY ARANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFLIAC FROM HOUPLY OBSERVATIONS ATT WEATHER STRVISTORAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: OCT HOURS(LST): 1800-2000 CEILING VISIBILITY IN HUNDREDS OF METERS GF. FELT 6E 32 GE GF 40 24 20 10 16 12 o NO CETE T 77.5 3578 78.5 10.1 30.3 30.4 39.6 39.9 ₹0.0 39.9 39.9 10.0 39.9 40.2 05 1800U 30.4 40.8 40.9 41.1 41.2 41.5 41.5 41.5 41.5 40.9 41.1 41.2 41.5 41.5 41.5 6E 140001 30.4 37.2 40.7 40.8 411.9 41.1 41.2 41.5 41.5 41.5 41.5 30.4 40.2 40.8 40.9 41.1 41.2 41.5 41.5 41.5 41.5 41.5 41.5 41.5 SE' TZPUM 30 . B 40.6 31.9 38.8 41.8 42.4 42.6 42.7 42.7 GE TOODU 42.9 43.2 43.2 43.2 43.2 9000 42.9 43.2 43.2 43.2 43.2 TIF 80001 39.7 44.4 44.4 43.7 43.8 44.0 44.1 44.4 44.4 44.4 60001 GF 5000 86.4 96.8 97.6 98.Z 98.3 98.2 98.3 98.2 98.2 97.6 97.9 98.0 96.8 98.3 98.3 98.3 98.5 98.1 98.3 87.5 87.5 74.7 94.7 99.1 99.5 99.5 9700 78.0 94.8 98.9 99. 99.5 99.7 99.7 98.9 99.2 GE 3500 98.0 96.9 99.5 99.7 99.7 99.7 99.7 99.7 GE 3000 95.0 95.0 99.1 100.0 20001 87.6 99.2 98.3 99.4 99.5 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 1907 (78.3 37:6 75.11 94-100.0 95.0 08.3 99.1 99.2 99.4 99.5 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 1200 रचन 98. 95.0 95.0 99.5 100.0 100.0 100.0 100.0 100.0 99.1 94.2 99.8 99.8 99.4 99.R 190.0 100.0 100.0 100.0 100.0 95.0 99.1 99.2 GE 2001 87.6 98.3 77.5 99.8 99.8 100.0 100.0 100.0 υĘ 700 97.6 98.3 99.4 99.5 99.8 99.8 99.8 100.D 100.0 100-0 100.0 100.0 99.1 GE 6001 98.3 100.0 100.0 100.0 98. 79.2 100.0 100.0 100.0 100.0 100.0 400 A7.6 95.0 99.1 99.4 99.5 99.8 GE 98.5 99.2 99.8 99.8 100.0 100.0 100.0 79.7 GΕ 300 87.6 95.0 98.3 99.T 100.0 100.0 100.0 100.0 100.0 2001 95.0 98.3 99.2 99.4 99.8 99.8 99.A 100.0 100.0 100.0 100-0 100.0 1001 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS SECRAL ELIMATOLOGY RPANCH ATP WEATHER SERVICE PER STATTON NUMBER: 484360 STATION NAME: PLYATIA SAUDI APAPIA PLYIQU OF RECORD: 77-84
HONTH: OCT HOURS(LST): 2100-2300
VISIBILITY IN HUNDREDS OF HETERS
GE GF GF PEP100 OF RECORD: 77-84 CFILING FEET GE NO CETL 32.8 36.3 ₹8.1 39.4 38.6 38.8 38.8 39.8 3A.3-38.4 38.8 38.8 38.8 38.8 38.8 GE ZUPUP 33.4 36.9 18.8 38.9 39.1 39.1 39.2 39.4 19.4 39.4 39.4 39.4 39.4 39.4 39.4 OF TECON 33.4 73.4 36.9 38.8 38.9 39.1 39.1 39.2 39.4 39.4 39.4 39.4 39.4 39.4 38.8 39.1 38.9 39.2 39.4 39.4 39.4 GE TACON 39.4 39.4 39.4 39.4 39.4 GE 120001 39.5 19.7 GE IONONI GE 9000 37.8 40.4 39.7 39.8 40.0 40.0 40.4 40.1 40.3 40.4 40.4 40.4 40.4 40.4 Ū₽. 34.7 40.1 40.3 40.4 40.4 40.6 40.7 40.9 וחטיום שט 39.1 41.0 41.2 41.3 41.3 41.5 41.6 41.6 41.8 41.8 41.8 41.8 41.8 41.8 υE 70001 35.6 39.2 41.5 98.5 98.5 91.9 95.6 97.6 97.7 97.9 97.9 98.3 98.3 99.7 98.5 98.5 98.5 98.5 99.8 98.2 98.5 98.5 99.8 98.5 98.5 6E 45001 98.2 98.5 98.5 98.5 कारणा 97.0 99.8 99.2 99.8 35001 97.0 6 E 92.9 98.9 99.1 99.2 99.2 99.5 99.7 99.R 90.8 99.8 90.8 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Senul 92.9 97.U 97.U 99.1 99.2 99.4 99.4 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 TBUT 99.8 100.0 107.0 100.0 99.4 99.4 6E 15001 92.9 97.0 99.1 99.2 100.0 100.0 1700 100.0 100.0 100.0 TOUR 99.4 101.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 99.4 99.4 99.8 100.0 100.0 100.0 GΕ 92.9 97.0 99.2 99.7 100.0 100.0 100.0 100.0 99.1 99.2 GF 2001 92.9 97.0 100.0 100.0 100.0 7001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 97.0 99.4 92.9 99.4 99.7 99.8 100.0 100.0 3F ពេបភ 100.0 100.0 e lin 92.9 100.0 100.0 100.0 100.0 100.0 100.0 97.0 GE 4001 99.1 99.2 99.4 99.4 99.7 100.0 100.0 100-0 100-0 100.0 GE 7011 92.9 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.1 99.2 1,€ 97.6 99.4 99.4 99.7 100.0 100.0 100-0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 TOTAL NUMPER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC STATION NUMBER: 404380 STATION NAME: RIVARH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS (LST): HONTH: OCT ALL EILI'G VISIBILITY IN HUNDREDS OF METERS CE 1L 11.6 FEEI GE 32 GE _{50} 24 16 a 1 160 90 aL 60 48 40 12 10 44.7 46.1 46.6 46.8 46.9 47.0 NO CETE T 27.5 37.0 42.9 45.9 GE ZOOUDI 46.1 47.4 47.5 48.2 48.4 48.3 48.4 GE IBRURI 38.2 46.1 48.3 48.3 48.4 48.4 38.2 GE 160001 GF 140001 47.6 48.2 48.4 48.4 48.4 44.5 48.5 48.9 48.9 48.5 CE 120001 GE 100001 30.2 40.1 49.5 50.2 50.4 50.5 50.5 50.5 50.5 50.5 50.6 46.4 50.3 51.3 50.5 51.1 51.2 51.4 52.6 90001 40.9 49.1 51.3 51.4 51.4 51.4 51.4 52.5 41.5 50.3 ខេបម 31.7 48.3 51.5 īξ 42.0 52.5 52.1 7 nun l 48.4 50.1 52.4 52.7 52.7 52.7 52.7 52.A 6110111 98.5 77.5 98.3 97.3 97.5 87.7 45001 87.7 88.2 94.1 96.1 98.2 98.3 98.4 98.4 98.5 98.5 98.5 98.5 40001 98.2 98.9 98.0 94.9 95.1 98.4 99.2 99.3 99.4 99.4 350c1 78.11 88.5 97.0 98.3 99.0 99.3 99.4 99.4 99.4 30001 78.I 78.1 78.5 99.4 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.1 88.7 95.2 98.7 25001 99.6 88.7 97.2 98.6 99.5 99.7 98.7 99.7 99.A 18001 95.2 78.1 98.7 98.6 99.7 99.8 99.8 15001 88.7 95.3 97.3 98.8 99.4 99.6 99.7 99.8 99.8 99.8 12001 78.1 BE. 99.9 99.9 99.9 88.8 88.8 99.5 99.8 99.R 99.8 100.0 95.4 97.4 98.7 98.8 99.7 78.1 100.0 ouni 99.7 ਸਹਾਸ **95.4** 100.0 78:1 98.7 98.8 99.5 1,1 GE 7001 78.1 95.4 97.4 98.8 99.5 99.7 99.8 99.9 79.8 99.9 99.9 99.9 100.0 eunt 100.0 99.8 100.0 84.8 99.0 99.9 500 98.8 4001 1005 78.1 78.1 89.8 95.4 97.4 98.7 98.9 99.5 99.7 99.8 99.8 99.9 99.9 100.0 100.0 ΒE GE. 2001 TCC1 76 - 1 75 - 1 89.8 88.8 97.4 98.7 98.9 98.9 99.8 00.0 99.9 99.9 100.0 98.7 100.0 99.9 100.0 TOTAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS ATR WEATHER SERVICE/HAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 VISIBILITY IN HUNDREDS OF HETERS MONTH: NOV HOURS(LST): 0000-0200 FEET GE GE. GE οu 160 60 80 48 40 32 24 20 16 12 10 8 Ω NO CETE I GE ZUNGO 28.2 30.5 32.6 33.1 33.7 33.7 34.1 34.1 34.3 34.3 34.3 34.3 30.5 30.5 32.6 34.1 34.1 34.1 34.3 34.3 34.3 34.3 34.3 GF 160001 28.2 33.1 33.7 33.7 34.1 GE 140601 28.2 30.5 32.6 33.7 33.7 34.1 34.1 34 - 1 34.3 34.3 34.3 34.3 34 . 3 34.3 SE 120001 28.4 30.6 32.8 33.2 34.5 34 . 5 GE TOCOC 32.2 34.8 35.4 35.8 35.8 37.7 35.8 37.7 36.0 37.8 36.0 37.8 36.0 37.8 36.0 36.0 37.8 36.0 37.8 9000 31.3 36.0 36.4 37.2 37.2 8000 GE 31.9 36.6 37.0 38.3 38.3 38.3 70001 38.3 34.5 36.6 37.0 37.8 38.4 38.4 38.4 37.8 38.3 38.3 38.4 38-4 38.4 * 6000 m i 50001 45001 91.9 97.9 96.6 98.3 98.3 98.3 98.5 98.3 94.4 97.9 98.5 98.5 98.3 98.5 98.5 98.5 98.5 98.2 CE वरावरा 92.2 94.7 97.0 97.4 98.6 98.6 98.6 98.8 98.8 3500 92.2 97.0 97.4 98.6 98.2 98.2 98.6 99.2 98.6 9 A . A 98.8 98.8 9A.A GA.A 30001 77.7 94.7 97.6 98.8 98.9 99.2 2500 l 92.7 94.0 98.8 99.4 99.4 99.4 99.4 20001 92.2 98.2 98.9 99.4 99.4 99.5 99.5 CI TRUDI 77.2 74 . P 97.7 98.7 98.9 98.9 99.4 60.5 98.9 94.8 99.4 98.9 99.4 99.4 99.5 99.5 99.5 GF 12001 67.1 GR. 7 TUGT 72.2 74. 100-0 100.0 100.0 GE 98.2 99.8 94.8 98.9 98.9 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 750 TOUT 92.2 74.8 97.7 98.7 98.9 98.9 99.8 99.8 100.0 100.0 700 94.8 98.2 99.8 98.9 98.9 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 ŪΕ 6UTT 97:7 100.0 92.2 94.8 98.7 98.9 500 97.7 98.9 98.9 100.0 100.0 100.0 4001 99.8 94.8 98.9 99.8 99.8 100.0 100.0 100.0 92.2 99.8 T, E उठको 94.8 97.7 98.2 98.9 98.9 99.8 99.8 100.0 100.0 100.0 100.0 2001 98.9 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 71.7 137 1001 97.7 0A.0 00 B 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF ORSERVATIONS: 656

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GLUBAL CLTHATOLOGY ARANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SPRVICEZHAS STATION NUMBER: 434380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: NOV HOURS(LST1: 0300-0500 VISIBILITY IN HUNDREDS OF ME CE IL ING GE GΕ GE GE GE 32 GE GE FEET GE 20 90 80 40 NO CETE 1 36.9 38.8 38.8 38.8 38.8 3A.8 38.8 38.8 38.9 33.1 33.5 38.8 38.8 18.8 38.8 GE 200001 39.6 37.7 39.2 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.7 33.5 39.6 39.6 4.07 10.6 19.6 39.6 39.6 CE TEHON! 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.6 39.7 39.2 39.6 39.4 39.6 39.6 39.6 39.6 39.6 39.6 GE 140001 33.9 37.7 39.6 GE 120001 GE TONON 35.3 39.2 40.8 41.1 41.1 41.1 41.1 41.1 41. 41.1 41.1 41.1 41.1 41.1 41.3 90001 80001 40.5 42.2 42.5 42.5 42.5 42.5 42.5 42.5 42.5 42.5 36.6 42.5 42.5 42.7 70001 43.5 43.5 43.5 43.2 43.5 43.5 97.8 5000 97.8 97.8 98.0 97.8 97.8 97.8 91.7 95.6 97.8 97.8 97.8 97.8 450ni 95.6 97.5 97.8 97.8 40001 99.9 99.9 98.9 99.1 96.1 92.2 98.9 98.9 98.9 98.9 35001 96.1 98.3 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 3000 96.2 96.2 99.5 99.5 99.5 99.5 99.7 20001 92.2 99.7 99.7 99.7 96.4 98.7 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.8 96.4 99.1 98.7 99.5 99.7 09.7 99.7 99.8 99.5 15001 92.2 96.4 98.7 99.1 99.5 99.5 99.7 99.7 99.7 99.7 99.7 42.2 95.4 100.0 78.7 99.8 99.8 99.8 99.8 100.0 99.8 92.2 99.8 6.E gun l 96.4 98.7 99.4 99.5 99.5 99.7 99.6 99.8 99.8 100.0 8001 96.4 99.8 99.8 46.1 99.8 99.8 99.8 99.8 100.0 70n1 96.4 100.0 92.2 98.7 99.4 99.5 99.5 99.1 99.8 99.8 99.8 99.8 99.8 99.8 99.8 6001 97.2 78.7 100.0 98.4 100.0 98.7 4001 3001 92.2 96.4 98.7 99.4 99.5 99.8 100.0 99.5 99.1 99.8 99.8 99.8 99.8 99.6 77.8 100.0 2001 96.4 78.7 99.4 99.5 99.5 99.7 96.4 78.7 100.0 99.8 100.0 TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL FLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR MEATHER SERVICE PHACE STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 MONTH: NOV HOURS(LST1: 0600-0800 14G VISIBILITY IN HUNDREDS OF METERS CEILING GE 90 GE 32 GĒ GĒ ĞĒ 15 | GT FEET | 160 20 80 60 48 48 24 10 TO TETE 75.3 40.8 51.3 54.8 56.0 56.0 57.2 57.2 57.2 57.2 57.2 79.8 29.8 29.8 53.7 GE 200001 57.5 58.8 59.8 60.0 60.0 60.0 GE 180001 GE 160001 57.5 59.8 42.9 58.8 58.3 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60.0 42.9 53.7 57.5 59.8 60.0 60.0 60.0 60.0 60.0 60.D 61.0 29.8 42.9 53.7 57.5 58.8 59.8 58.8 59.8 60.0 60.0 60.0 40.0 60.0 59.6 SE 120001 30.6 54.5 5A.A 60.9 61.0 61.0 er innout 32.3 45.8 56.9 61.0 62.3 62.3 63.3 63.5 63.5 63.5 63.5 63.5 63.5 63.5 69.4 69.1 65.1 65.3 65.3 69.4 58.6 62.7 63.9 63.9 65.3 65.3 _ 60001 35.5 51.0 62.6 68.0 68.0 69.4 70-0 35.6 51.1 68.2 69.4 69.6 62.7 66.8 68.2 69.3 69.6 69.6 69.6 69.6 69.6 69.6 60001 35.6 62. 68.2 50001 45001 93.0 94.4 95.7 95.7 97.9 61.8 88.9 95.4 95.6 95.7 95.7 95.7 94.4 61.8 88.9 94.4 95.7 95.7 95.7 95.7 97.7 97.7 armi i 63.U 73.8 911.7 95.0 76.5 96.5 97.6 97.9 95.0 97.6 97.9 90.7 96.5 98.8 63.0 96.5 97.9 97.9 98.6 97.9 97.9 97.9 GE 30001 63.3 71.5 97.3 97.3 OR. 98.1 2500 91.6 95.9 97.7 98.B 99.1 99.1 99.1 99.2 99.2 99.2 99.2 99.5 σE THUIT 63.3 74.5 V1.8 76.11 97.9 97.9 79.1 99.2 50.E 99.4 99.5 99.5 99.5 99.5 99.5 1500 99.1 99.2 99.5 99.5 99.5 99.5 12001 53.3 77.5 95.0 97.9 7.00 99.8 00.4 1000 63.3 79.5 91.9 96.2 98.0 98.1 99.4 99.5 99.7 99.R 99.8 99.8 QQ.R 99.8 79.5 91.9 96.2 98.0 GΕ 900 98.0 99.2 99.4 99.5 99.8 99.8 99.8 99.8 ਰਹਾ GF 63.3 78 . D 98.17 99.7 99.4 90.5 99.7 00.R 90.H 00 H 99.8 99.E 700 GE 6001 63.3 77:5 91.9 98.C 79.7 99.R 96.7 98.n 00.4 99.5 100.0 TOOLO 100.0 ח: ממצ 100.0 96.2 99.2 63.3 98.0 99:4 99.5 100.0 100.0 100.0 100.0 100.0 96.2 96.2 99.4 99.8 GF 4001 63.3 79.5 91.9 98.C 100.0 91.9 100.0 CE 300 63.3 79.5 78.0 98.0 99.2 99.5 100.0 100.0 100.0 100.0 98.0 100.0 GE 2601 63.5 19.5 91.9 98.6 99.2 99.5 100.0 78:0 tor 95.2 98.0 99.7 00.5 TOO. C 100.0 170.0 100.0 100.0 96.2 63.3 91.9 98.0 99.8 100.0 100.0 100.0 100.0 100.0 98.0 99.4 99.5 TOTAL NUMBER OF OPSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY PRANCH PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: PIYADH SAUDI ARABIA MONTH: NOV HOURS(LST): 0900-1100 VISIBILITY IN HUNDREDS OF METERS CEILING GΕ GE 9 D GE GE 32 GE GE FEET eο 60 48 40 10 ۵ 160 NIT CETE 1 --- 17 --- 16.6 30:0 47.2 51.8 53.4 56.9 56.9 59.2 59.2 58.2 58.2 50.4 57.0 57.0 58.2 58.2 55.3 58.0 58.2 58.2 58.2 50.4 58.0 58.2 58.2 58.2 58.5 6F 180601 17.8 31.8 58.2 58.5 50.4 55.3 57.0 57.0 58.0 58.2 58.2 SE TENUNI 58.2 14000 17.8 31.8 50.4 55.3 50.9 57.6 58.6 58.8 58.8 58.8 61.4 62.5 66.3 61.4 62.5 66.3 61.4 53.5 60.1 60.2 61.2 61.4 62.5 61.4 61.4 SE IDOUR 35.3 59.5 90001 20.0 SE 80001 66.6 37.8 57.9 63.2 66.3 66.3 66.3 72:1 64.8 65.0 66.1 66.3 66.3 65.3 66.6 66.6 66.6 66.6 65.1 66.4 22.3 56.6 66.6 66.6 6000 94.1 94.4 94.1 90.7 92.8 93.9 94. 94.1 49.8 50.1 65.7 85.7 92.6 94. 94. 94.1 .1 94.4 94.4 94.4 94.4 94.4 94.4 94.6 4500 86.0 97.3 59.0 88.6 93.8 93.9 75.8 97.0 97.3 97.3 ויטיופ 97.4 95.9 97.4 97.4 97.4 97.7 51.8 52.1 88.7 95.8 5500 l 68.D 98.8 98.8 GR.R 98.8 3000 99.0 99.3 99.3 99.7 99.7 99.3 99.3 52+1 52+4 G E 97.8 100.0 2000 68.7 89.9 95.4 97.7 99.7 100.0 95.4 95.4 77.4 99.7 99.7 79.7 58.7 89.9 97:7 97.8 99.7 79.7 99.7 99.7 99.7 100.0 97.7 97.8 99.7 99.4 ĿΕ 1500 52.4 68.7 89.9 1700 99.7 100.0 95.4 99.7 99.7 99.7 99.1 99.7 99.7 100.0 97.7 97.8 99.4 99.7 99.7 99.7 99.7 A9.9 •1 52.4 52.4 68.7 68.7 9140 99.7 99.7 GE F7.7 99.4 99.7 99.7 99.7 99.7 PURI 100.0 99.4 95.4 97.7 97.8 99.7 T. F 700 52.4 68.7 89.9 100.0 99.7 99.7 100.0 97.8 52.4 52.4 52.4 GE GF 500 99.7 99.7 100.0 89.9 95.4 97.7 99.4 400 l 68.7 68.7 100.0 99.7 99.7 97.7 77.4 99.7 99.7 77.7 G. 99.7 99.4 100.0 97.8 99.7 99.7 SE SE 200] 52.4 68.7 89.9 95.4 47.7 99.7 99.7 100.0 99.7 100.0 99.7 99.7 99.7 99.7 TOTAL NUMBER OF OPSERVATIONS: 691

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS CLOHAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC STATION NUMBER: 904360 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 HONTH: NOV HOURS (LST): 1200-1400 VISIBILITY IN HUNDREDS OF METERS CEILING BE 32 GE 20 FEE T 911 60 40 24 10 911 4.8 16 38.4 38.7 38.8 38.8 NO CEIL T 73:7 31.3 37.2 37.4 GE 200001 42.6 43.0 43.0 41.6 42.1 42.9 43.3 25.3 41.8 42.3 42.3 42.4 42.7 42.9 42.9 43.3 5E 160001 25:3 34.3 41.8 42.3 42.9 43.1 43.3 41.4 UE 14000 42.3 42.4 42.7 42.9 43.0 43.3 43.4 43.4 GE IZUDUI 45.0 45.9 45.9 46.0 46.0 37.1 44.6 CE TUNGO 27.8 45.9 38.0 40.4 45.0 45.5 46.5 46.5 49.5 46.9 9000 46.0 46.3 46.5 46.A 46.9 30.3 46.8 49.1 49.5 49.6 80001 TιΕ 49.6 7000 30.7 40.6 48.2 49.1 49.1 49.2 49.5 49.6 49.6 49.9 49.9 50.1 50.1 49.6 50.1 50.1 40.8 ចពេលពេ 30.7 πť 95.5 5000 95.5 4500 87.3 94.8 95.2 95.8 96.1 96.2 96.2 96.2 96.5 96.5 96.7 पत्ताता 88.3 95.8 97.0 97.0 98.0 98.0 98.1 98.1 77:3 98.4 96.1 97.5 98.0 98.0 98.0 98.3 98.3 98.4 35001 88.6 96.7 97.3 97.4 97.A 30001 99.3 99.6 99.7 2000 | 2000 | 98.4 98.4 89.5 97.0 98.4 99.3 99.3 99.6 97.5 98.4 98.7 99.1 99.7 99.1 97. 99.3 99.6 00.6 99.7 98.4 GE 99.4 99.4 99.4 99.7 99.1 99.9 99.9 15001 99.6 97.1 97.7 98.6 98.6 98.8 78:4 87.6 15E 12001 99.9 3:10(1) 98.6 99.4 99.4 99.4 99.7 96.9 96.6 A 0 . 6 78.4 89.6 98.6 98.8 99.3 99.4 99.4 99.7 99.3 97.1 98.6 99.9 9001 77:1 98.6 98.6 GE 89.6 98.6 98.6 99.4 99.4 7001 78.4 78:4 97.1 97.7 98.8 99.3 99.4 99.7 99.7 99.9 99.9 600 t 98.6 78.8 99.3 89.6 98.6 5601 99.6 4601 78.4 78.4 89.6 97.1 97.1 97.7 98.6 98.6 98.8 99.6 100.0 100.0 99.4 79.6 99.9 99.9 99.9 99.9 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

97.1

97.7

97.7

98.6

98.6

89.6

39.7

BE

2401

1001

98.6

38.6

98.6

98.8

99.4

99.6

99.6

99.6

99.9

99.9

100.0

100.0

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY USAFETAC AIR WEATHER SERVICEZMAC STATION NUMBER: 474380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84 HOURS(LST): 1500-1700 MONTH: NOV CFILING VISIBILITY IN HUNDREDS OF METERS CFILING GE 5 GE 24 GE GΕ GE 20 GE GE GΕ GE 32 FEET 10 36.8 37.0 37.1 37.4 37.4 37.4 NO CETE 1 31:3 34.2- 36.2 37.0 42.8 42.8 GE 200001 38.3 34.6 42.9 42.9 41.2 42.4 47.4 42.6 42.9 42.9 42.9 DE TENUNT SE 140001 34.4 38.4 42.1 42.4 42.6 42.9 42.9 42.9 42.9 42.9 GE TZNUNI GE (COUNT) 37.6 45.1 43.8 45.6 45.6 45.6 anun i 41.0 45.0 45.0 45.3 45.6 45.6 70001 70001 46.9 47.5 39.4 43.1 45.9 46.7 47.0 47.0 47.3 47.6 47.6 47.6 47.6 47.6 47.6 60001 50001 45001 92.9 96.8 96.8 97.4 97.4 97.4 GE GE 95.6 96.8 97.4 96.5 V8.4 4000 89.5 93.6 95.5 98.4 V8.4 वम् च 98.4 98.4 98.4 78.4 94.0 97.8 356P) 96.9 98.3 98.5 98.8 99.1 99.1 99.1 90.0 5000 100.0 100.0 100.0 100.0 100.0 100.0 25001 2000 99.1 100.0 100.0 1900| 1500| 100.0 100.0 ot 70.5 99.8 97:R 98.7 99. 100.0 100.0 100.0 100.0 100.0 100.0 94.8 99.1 100.0 100.0 100.0 90.5 100.0 12001 90.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 97.8 98.7 99.1 100.0 100.0 100.0 100.0 94.8 77.8 đĒ 000 90.5 98.7 99. 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.8 100.0 100.0 100.0 100.0 tout 30.5 97.8 78.7 99.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 90.5 94.8 94.8 97.8 *U0 100.0 100.0 100.0 100.0 100.0 30m 98.7 99.1 99.4 100.0 100.0 100.0 100.0 100.0 OF. 100.0 100.0 2001 94.8 97.6 98.7 99.1 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 100.0 100.0 100.0 100.0 100.0 100.0 99.7 100.0 100.0 104.0 106.0 100.0 100.0 100.0 72.5 99.8 97.8 78.7 79.1 99.4

G.

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TOTAL NUMBER OF OPSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS GEOBAL CLIMATOLOGY AKANCH USAFETAC DI ARABIA PERIOD OF RECOPD: 77-84

MONTH: NOV HOURS(LST): 1800-2000

VISIBILITY IN HUNDREDS OF METERS

GL OF GE GF STATION NUMBER: 4747FO STATION NAME: RIVADH SAUDI ARABIA CEILING IN I FELT I GF GE 24 20 GF 16 GE GE 32 80 12 10 FELT | 160 90 60 48 40 36.8 37.0 37.1 37.1 37.1 36.2 36.A 36.B 36.8 37.1 NO CETE TO SU.O 34.0 19.8 40.7 40.7 40.9 41.D 41.0 41.0 41.0 41.0 41.0 41.2 GF 20000 41.2 41.3 40.9 37.E 37.U 41.0 41.2 GE 18CURI 40.0 40.6 40.9 40.9 41.2 GE TENGN 40.6 40.9 40.9 41.2 41.2 SE 14CUC 37.C 40.0 40.6 41.5 40.9 40.9 41.0 GE 120001 43.7 43.7 43.7 43.7 9.10 43.4 GE 100001 33.5 39.4 42.4 43.4 43.4 43.6 43.7 43.7 44.0 90001 39.5 42.5 43.6 43.7 45.5 43.9 45.5 45.5 45.2 45.5 45.5 35.3 35.3 45.2 45.4 70.0 41.2 44.7 44.9 45.2 45.2 45.5 45.5 45.5 45.5 45.5 60001 97.5 97.5 97.5 97.5 97.5 97.5 99.4 99.7 97.5 97.5 99.4 97.5 97.5 87.3 97.3 97.2 96.1 96.9 97.2 97.2 97.3 97.6 50001 93.1 97.6 97.5 97.2 97.2 45001 96.1 97.3 40001 99.4 99.4 99.4 99.4 99.7 99.7 3560 | 3069 | 94.8 97.9 98.8 00.7 99.7 99. 99.7 66.7 00.3 99.7 99.7 99.7 99.7 99.7 99.6 99.7 99.7 94.8 2500 86.8 99.7 20001 94.8 97.9 98.A 99.1 99.1 99.7 95.9 99.7 99.7 99.7 - 94.E 99. 99. 99.3 99.6 99.7 99.1 99.9 99.7 15001 99.3 49.6 94.8 97.9 98.8 99.1 99.1 99.7 99.7 50. 99.7 88.B

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GLOBAL CETMATOLOGY PRANCH' USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DUSCRVATIONS STATION NUMBER: 474380 STATION NAME: PIVADH SAUDT ARARIA PERIOD OF RECORD: 77-84 GE GE GE GE 37 24 20 16 TEET | 100 80 מים כבות ז יים 77.0 -37.2 - 37.2 35.3 37.3 37.8 37.8 37.8 37.9 17.0 37.9 17.0 17.0 17.0 GE 200001 40.2 40.6 40.1 40.6 40.6 40.6 40.8 40.8 40.8 40.A 40.B 40.6 32.3 38.4 39.9 43.1 40.2 40.8 3F 157601 38.0 40.1 40.2 40.6 40.1 40.6 40.6 411.6 40.8 40.8 40.8 40.8 55 145uCl 10.0 40.1 40.) 40.2 40.6 40.6 40.8 40.8 3F 120001 40.3 40.5 40.8 41.1 41.1 41.1 41.2 41.2 41.2 41.2 40.8 41.2 41.4 41.8 41.B 41.8 41.7 41.5 42.2 62.2 42.2 42.2 90001 33.3 34.6 39.2 4076 41.1 41.5 -41.5 -47.9 41.6 42.1 42.1 42.1 42.1 42.5 SE BESET 43.9 93.9 41.0 GE 43.1 43.5 43.9 trunt 34.6 40.6 42.5 42.9 42.9 43.7 43.5 43.9 43.9 43.5 43.9 98.6 VE . 6 98.6 Ú.E. 99.3 77.5 97.7 45071 95.4 97.7 97.9 98.3 98.3 98.4 44.11 78:4 78.6 99.1 99.0 99:0 99.17 99.1 77.4 99.4 99.4 3500} 29.9 97.8 98.4 1, F 96.6 Y9.4 98.6 99.6 99.0 99.0 99. 99.4 99.4 98.6 44 D 99.U 99:17 77.4 99.4 20001 77.8 98.6 00.4 99.0 99.0 99.h 99.1 99.4 99.6 49.4 89.9 89.9 96.1 99.6 98.6 78.6 98.1 98.7 99.1 99.1 99.1 98.0 99. 99.6 37503 9870 79.3 99.6 99.6 99.6 GF 15001 . 1 96.1 98.0 98.8 98.8 99.0 99.4 99.4 99.4 99.4 99.6 99.9 99.9 99.9 99.9 12001 99.11 99.4 99.6 99.4 99.9 10001 99.9 96.3 78.1 1.80 99.4 .1 9401 99.0 99-1 99.1 99.6 99.6 99.7 100.0 100.0 100.0 1.00 - 75 E **RDD** 96.3 48.1 90.0 79.0 77.1 99.5 99.6 99.6 99.6 99.7 100.0 100.0 100.0 700.0 7001 99.6 99.6 90.1 96.3 98.1 99.11 99.6 99.1 100.0 100.0 99.5 99.8 100.0 100.0 100.0 ח.חתר 79.6 99.6 99.5 100.0 100.0 100.0 ם. ממנ 9091 96.3 95.3 98.1 99.0 79.0 99.1 99.6 99.6 99.6 99.6 97.5 99.7 99.7 100.0 5E . 1 20.1 100.0 190.0 100.0 ÿξ ו מסד 70:1 99.0 100.0 100.0 100.0 ĢĘ 99.6 99.6 99.6 09.6 2001 90.1 96.5 98.1 29.11 99.0 99.1 0.001 100.0 inut 99.6 77.6 99.5 100.0 100.0 100.0 ם.ממנ" 97.6 79.5 TOTAL NUMBER OF OBSERVATIONS:

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GEOHAE ČLIMATÕLDGY RHANCH PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC AIR MEATHER STRVICE THAC STATION NUMBER: 474380 STATION NAME: PIYADH SAUCI ARABIA PEP100 OF RECORD: 71-84 HONTH: NOV HOURS (LST): CEILING 12 10 ۵ NO CEIL I • 0 -- 27; 3 -- 33, 9···- 39; 3 40.6 41.1 41.2 41.7 41.A 44.9 GE ZUCON 44.3 45.0 45.0 29.1 45.0 45.0 GE LBOUD! . 0 36.3 42.3 43.8 44.3 44.4 44.8 44.9 95.0 45.0 45.0 42.3 45.0 160001 79.1 44.3 44.8 44.9 GE 14CUDI 29.1 45.0 45.5 45.5 . 0 36.3 42.3 43.8 44.3 44.4 44.8 44.9 45.0 45.0 45.0 45.1 120001 44.6 GE GE Tuesa 31.0 38.5 46.1 46.7 46.7 47.1 47.3 47.3 47.4 90001 45.5 48.3 • 0 48.3 48.4 48.4 48.5 - មកភព 50.4 υE 70601 . 0 33.3 41.3 47.7 49.3 49.9 49.9 50.4 50.5 50.6 50.6 50.6 50.7 50.7 50.7 50.8 97.0 97.1 79.6 CE 45001 .0 87.6 94.1 95.6 96.3 96.3 96.7 96.9 96.9 97.0 97.0 97.0 97.0 97.1 97.1 35001 97.6 σĒ :0 80.4 95.3 97.0 95.4 97.1 98.3 6F ٠, AU.5 88.8 97.9 98.5 98.6 94.6 98.6 98.7 98.7 98.7 98.8 STOR 40.7 99.3

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CLOBAL CETHATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY USAFETAC FROM HOUPLY OBSERVATIONS ATR WEATHER SERVICE THAC STATION NUMBER: 434380 STATION NAME: RIVADH SAUDI ARABIA PERIOD OF RECORD: 77-84

MONTH: DEC HOURS(LST): DODO-0200 ELLING VISIBILITY IN HUNDREDS OF METERS CEILING GE 3.2 σE GΕ GE GE FEET 40 20 10 0 28.3 NO CETT ! 74.7 32.1 32.1 37.1 37.1 32.2 32.2 32.2 32.2 32.2 32.2 32.4 32.4 32.4 ייטויטוי ב 33.5 33.5 33.5 33.7 33.5 33.7 29.0 33.4 33.5 33.7 33.7 29.2 29:2 GE 18nun 33.1 33.5 33.7 33.8 33.8 GE 160001 33.1 75.3 33.5 33.5 33.5 33.7 33.7 33.7 33.7 33.7 33.7 33.B 33.8 TT. A UE 140071 9E 12000 75.4 33.4 33.A 33.8 33.8 34.0 34.0 34.0 34.0 36.0 34.1 34.8 35.3 39.8 34.8 35.0 GE TOUGH 75.0 30.2 34.3 34.7 34.7 34.8 34.8 34.8 35.0 35.Q 26.1 30.6 35.3 9000 35.3 35.4 35.4 35.4 80001 39.2 39.6 39.6 19.R 10.8 39.6 10 . R 7000 35.1 10.5 40.1 40.2 40.2 40.2 40.2 40.2 40.3 40.3 40.3 60001 षता • 2 40.3 **4** U . 3 40.5 40.5 917.5 411. 90.5 411.5 40.6 40.6 40.6 89.4 89.6 93.9 94.6 94.8 94.8 וווטווב 43.3 94.3 94.5 94.5 74.6 94.6 99.6 94.6 94.6 94.8 94.8 GE 45001 83.5 94.5 94.6 94.6 94.8 94.8 4000 f प्रा: व 75.1 95.9 96.1 84.3 95.6 95.8 95.8 95.9 95.9 95.9 95.9 95.9 96.1 96. I GE 35001 90.4 95.1 95.6 95.8 30001 95.6 71.7 96.5 97.2 97.5 97.R 91.9 2000 (95.9 97.4 98.0 97.8 97.8 98.1 97.8 97.8 98.1 98.0 98.0 98.0 G€ 97.0 98.0 1900 85.9 97.7 98.0 98.0 98.1 98.1 48.1 98.1 78.1 98.1 78.3 98.3 98.3 GĘ 1500 95.9 92.3 97.7 98.4 98.7 98.7 98.8 98.8 98.8 99.0 12001 98.1 98.8 98.8 78.8 99.0 99.11 99.1 78.8 99.0 99.0 99.0 55 940 92.3 97.7 98.5 98.6 98.8 99.0 99.0 99.0 99.0 99.0 99.0 99.1 97.7 98.5 98.8 99.0 99.0 99.0 99.0 99.0 44.0 99.1 99.3 99.3 92.3 6E 7001 97.7 98.5 98.8 6001 ΰť 98.5 98.8 98.8 79.0 77.0 99.0 99.0 99.0 99.1 77.1 98.8 92.3 51 WILD ! 78.8 98.5 98.8 98.8 99.4 99.4 99.4 99.4 99.4 99.4 99.7 99.9 100.0 G.F 2001 92.3 97.7 98.5 98.8 98.8 99.4 99.4 99.4 99.4 100.0 94.5 98.8 98.8 77.4 79.9 100.0 99.4 97.4 99.4 97.4 99.7 TOTAL NUMBER OF UBSERVATIONS:

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GLOBAL FLIMATOLOGY TRANCH PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY USAFLITAC ATH REATHER SERVICETHAC STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARARIA PERIOD OF RECORD: 77-84 HOURS(LST): 0300-0500 MONTH: DEC VISIBILITY IN HUNDREDS OF METERS CEILING 16 GF FELT 32 Q 10 34.3 31.0 17.1 NO CETL T 37.5 38.1 38.2 GE ZODOGI 18.3 ₹8.6 ₹A.7 ₹8.7 18.7 19.1 31.5 34.8 37.6 37.9 36.2 18.2 18.2 VA . 6 33.6 GE 180001 31.7 38.4 38.4 38.9 38.4 38.7 38.7 38.9 38.9 38.9 35.0 3A . T TA . 6 34.7 18.0 77.8 3A . 7 TA O 6E 140001 38.1 38.4 30.7 38.7 38.9 39.5 32.3 35.6 39.0 39.0 ₹0.1 39.0 1000F 39.7 39.7 40.0 40.0 40.0 40.0 40.3 40.3 40.3 40.4 40.4 40.4 40.4 90001 80001 41.5 41.5 41.5 41.7 41.7 39.8 44.5 35.7 44.0 55 43.7 44.0 44.0 44.0 66.6 44.5 7 Cuni 44.0 44.5 44.5 GE 600m1 35.9 40.3 44.2 89.8 94.0 04.5 Struct 93.7 44.7 94.0 94.4 94.5 94.5 45001 85.6 ₽7.∪ 90.0 94.7 94.7 94.5 GE 95.3 95 . R 9K. 1 96.1 96.1 96.1 96.6 96.4 9K K 76.6 4.40 3500] 3000] GΕ 95.4 96.7 98.1 96.7 96.7 76.1 97.9 96.9 TE 77.3 97.6 99.0 25001 98.0 96.4 97.5 97.6 97.6 98.0 98.0 98.I 98.1 98.1 98.1 10001 98.4 88.4 76.9 98.1 94.4 98.6 98.6 '5 E 97.1 98.II 0 . E 68.4 97.3 98.7 OR. T A. AP 64.4 98.6 04.6 15001 38.4 78.4 97.0 97.5 99.1 55 12071 VA. 3 **7** . 40 0 4 . 0 55.1 99.1 TOUR प्रमुख व 97.4 98.6 98.4 98.7 99.1 99.1 99.1 99.7 99.3 99.7 99.2 oun! 88.4 88.4 93.3 97.2 78.4 ьF 97.6 98.4 99.2 99.2 50 97.5 VR. 7 VX. 0 90.7 99.7 00. 99.4 97.T 99.B 00.4 00.4 6.5 7401 97.2 98.4 98.4 छहा इ.स FORT TH.4 93.3 97.5 97:4 0 . . 0 70.7 00.4 98.7 99.4 99.5 98.7 98.4 9E.4 98.4 99.1 99.4 99.4 99.7 99.7 99.7 78.4 88.4 97.2 98.4 98.7 99.4 99.4 ЬE 4001 93. 2 98.4 99.1 99.4 उत्तरा UΕ 93. 3 97.6 99.8 100.0 100.0 100.n UE 2001 100.0 100.0 100.0 ותטו TE 100.0 95.4 9R.4 OA. O 56.7 100.0 100.0 34.4 93.3 96.4 GA. 4 98.9 00.7 99.7 99.7 99.8 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

GLOGAL CLIMATOLOGY RRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE THEC STATION NUMBER: 474 SAU STATION NAME: RIVADH SAUDI ARATIA PERIOD OF RECORD: 77-84 MONTH: DEC HOURS (LST): 0600-0600 ILING VISIBILITY IN HUNDREDS OF METERS CEILING FEET GE 160 60 32 40 an 48 4 D 24 20 10 NO CETE T 27.2 37.7 44.5 46.5 46.5 46.7 47.1 52.0 52.1 52.1 53.0 53.2 53.2 28.9 51.7 52.0 52,7 53.0 53.0 53.0 53.2 53.3 53.0 53.2 GE 180001 41.8 41.F 49.8 52.4 er ieroni 29.0 49.8 GE 1400CT 29.0 41.6 49.4 51.8 52.1 52.1 52.4 52.9 53.2 53.2 53.2 53.2 53.3 GE TZPUPI 79.2 50.0 05 100001 05 40001 54.4 57.0 58.4 59.7 58.4 58.4 59.7 58.4 58.8 58.5 45.9 49.5 57.8 59.0 59.7 52.1 58.4 59.9 60.2 70un | 60.5 63.8 66.0 50.0 66.0 60.9 63.2 64.3 64.3 65.2 65.7 66.0 66.D 66.0 60001 34.3 50.0 5D.5 50001 45001 76.9 87.8 88.0 90.1 91.2 91.2 92.1 92.6 92.9 92.9 93.0 92.9 92.9 93.0 95.1 92.9 93.0 93.3 वास्त्रात 92.4 92.6 93.5 93.5 94.5 95.1 79.7 70.1 31.00 19.2 90.5 GΕ 95.0 95.3 95.3 95.3 95.3 95.4 95.7 37671 E4:3 80.5 97.7 92.9 92.9 20001 81.0 31.0 95.1 96.4 96.4 97.4 97.9 98.2 94.2 94.3 98.2 99.2 98.2 98.3 98.6 -1800 64.6 81.0 isant 81.0 97.6 96.5 96.5 98.0 98.3 98.8 98.3 98.3 7.80 98.5 17071 54.5 3170 mon 93.0 93.0 93.0 93.0 64.6 81.0 81.0 76.7 98.9 98.9 95.4 96.7 98.9 98.9 96.7 97.9 98.6 98.9 99.1 99.4 PUN 91.U 81.D 95.4 96.8 99.1 99.1 GE. 64.6 76.8 98.0 99.1 65 7671 96.8 64.6 98.0 98.8 99.1 99.1 99.1 99.2 99.5 79.2 97.2 TOTAL 54:5 31.0 93.0 75.4 76.8 98.0 51111 64.6 81.0 81.0 95.1 407 99.2 93.0 96.8 97.0 99.2 64.6 95.4 96.8 98.0 98.9 99.2 99.2 99.2 99.4 99.7 3001 78.2 E4:5 93.2 95:5 00.0 2001 81.0 99.2 97.0 98.2 99.5 99.5 99.5 99.5 99.7 100.0 1001 TOTAL NUMBER OF ORSERVATIONS:

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GLUBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/RAC PERIOD OF RECORD: 77-84 STATION NUMBER: 404380 STATION NAME: PLYADH SAUDI ARABIA HOURS(LST): 0900-1100 MONTH: DEC VISIBILITY IN HUNDREDS OF METERS
GE GE GF GE GE G CEILING GE GF 7N 3 GF 3 2 6u 90 24 AU 48 40 20 10 5 16 12 0 NO CETE 1 13.9 -- 47.6-48.4 48.4 49.3 49.3 49.3 30.4 49.3 53.8 57.4 57.7 57.7 200001 34.4 55.5 55.5 57.2 57.4 57.4 57.4 57.4 57.4 57.4 34.7 34.7 50.1 55.1 54.1 55.8 55.8 57.5 57.7 57.7 57.7 57.7 57.7 57.7 57.7 GE 180001 14.9 55.8 55.8 100001 57.7 19.9 54.7 34.4 54.1 55.8 56.1 55.9 56.1 58.1 57.7 57.7 57.7 58.2 57.7 OF 14CUCI 50.1 57.7 120001 53.3 61.5 61.5 61.5 61.5 61.5 61.5 17.5 20.2 20.5 54.1 62.5 62.6 70.3 70.3 62.6 62.6 62.6 70.3 62.6 Gr 90001 38.2 58.4 60.2 60.2 62.6 62.6 -- สกับกา 42.9 60.1 65.3 70.3 70.3 70601 43.2 43.2 70.6 70.6 70.6 70.6 GF 60.9 65.6 67.8 67.8 711.5 73.6 70.6 70.6 70.5 60.9 70.6 94.2 94.2 94.2 67.5 6E 45001 89.2 91.3 94.2 94.2 94.2 94.2 94.2 94.2 96.0 90001 44.5 86.1 91.1 93.2 96.0 GΕ 35.001 44.6 68.2 96.5 91.5 93.6 93.6 96.2 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 30011 69.7 99.0 99.0 **78.**4 93.6 99.0 99.0 99.0 99.0 99.0 zruni 6€ . 1 45.2 69.5 88.5 96.2 96.2 98.7 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 18001 45.2 69.9 A8.5 93.8 GΕ 15001 69.9 88.9 94.2 96.6 96.6 99.1 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 69.9 94.5 76.7 79.5 99.9 99.9 99.9 70.0 99.2 96.9 96.9 GE OUPI 45.3 10.0 89.2 94.5 96.9 99.4 99.9 99.9 99.9 99.9 97.9 99.9 99.9 मदत्ती 45.5 70.7 **77.**3 94.6 97.0 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 7001 45.5 45.5 10.2 89.3 94.6 97.0 97.0 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 77.0 97.0 100.0 100.0 ס.חסני 100.0 100.0 100.0 **89.3** 94.6 45.5 97.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 4601 45.5 70.2 A9.3 94.6 97.0 97.0 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 רחטי: -97.0 100.0 100.0 100.0 100.0 100.0 100.0 45.5 99.6 99.6 6.5 2001 70.2 89.5 94.6 97.0 97.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 70.2 100.0 100.0 100.0 154.0 100.0 94.6 99.6 45.5 97.0 97.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 TOTAL NUMBER OF GRSERVATIONS: 704

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ULDHAL FLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIBILITY
USAFLTAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE PHAC PERIOD OF RECOPD: 77-84 Month: DEC Hours(LST): 1200-1400 STATION NUPRER: 404300 STATION NAME: RIVADH SAUDI ARABIA EILING VISIBILITY IN HUNDREDS OF METERS CEILING 5E GE 32 2 20 EE GE GE GE GF GE GE GE FELT 9E 24 40 10 16 12 160 911 80 60 48 18.3 18.5 14.5 14.5 38.5 71.17 35.5 37.2 37.6 37.8 38.3 30.3 38.3 78.7 NO CETE 1 46.3 GE 20000 23.6 42.0 46.2 46.2 46.3 46.3 46.3 GE IBRURI 35.9 42.0 43.4 44.9 45.3 46.2 46.2 46.2 GE 160001 23.6 45.5 46.3 42.1 45.0 46.3 46.3 46.3 46.4 46.4 46.4 36.1 46.4 46.3 46.4 43.9 45.0 45.5 46.3 46.3 46.3 46.4 36.1 42.1 46.3 120001 87.0 47.0 of torunt 49.1 50.5 50.5 50.5 50.5 50.6 26.4 39.3 45.6 47.4 50.2 50.6 50.6 50.6 51.3 51.5 51.5 26.6 49.0 49.4 50.6 19.4 80001 57.1 57.2 57.3 57.3 57.3 7000} 30.1 44.6 51.6 53.4 54.8 55.2 56.5 56.9 57.1 60001 94.3 94.0 88.8 89.0 94.3 78.5 94.5 94.5 67.4 94.8 94.5 94.7 GE 45001 82.0 90.8 92.4 92.9 94.1 94.3 95.U 95.9 91.6 93.7 95.4 95.5 95.5 95.7 95.8 95.8 95.8 96.6 96.6 96.9 96.9 96.5 96.6 96.8 90.8 94.7 35001 68.3 83.4 3000 98.U 98. 95.5 97.2 98.3 99.0 98.6 98.6 78.9 **UR. U** 98.9 94.3 69.5 2001 93.1 6F 99.3 99.6 85.5 96.8 98.5 99.3 99.3 99.3 99.4 99.6 99.6 99.6 99.6 99.7 G.F 1500 67.5 85.5 93.3 95.1 97.1 97.5 98.7 99.3 99.6 99.6 99. 100.0 100.0 100.0 98.9 99.4 99.7 99.7 99.7 99.9 99.9 100.0 100.0 100.0 95.1 95.1 97.6 10001 97.2 69.5 93.3 GΕ 95.5 99.7 95.1 98.9 99.4 99.9 eun 97.2 97.6 99.7 99.1 100.0 100.0 100.0 99.7 99.7 99.7 100.0 100.0 100.0 7001 65 69.5 85.5 93.5 99.7 100.0 100.0 100.0 6001 100.0 100.0 98.9 99.4 99.7 Ing.o 93.3 95.1 97.2 97.5 79.7 85.5 99.7 99.7 99.9 100.0 65 qun l 69.5 67.5 100.0 100.0 100.0 300 100.0 99.9 85.5 85.5 98.9 99.4 99.7 99.7 99.7 100.0 100.0 GF. 2001 93.3 95.1 97.2 97.6 100.0 100.0 100:0 77.2 78.7 99.7 100.0 100.0 100.0 £ 4.5

TOTAL NUMBER OF OBSERVATIONS:

715

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GLOBAL FLIMATOLOGY BRANCH PERCENTAGE FAFOUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFETAC AIR WEATHER SERVICE PRAC PERIOD OF RECOPD: 77-84 STATION NUMBER: 404380 STATION NAME: RIVADH SAUDI ARABIA MONTH: DEC HOURSILST1: 1500-1700 CEILING GE 32 III FEL I 20 20 10 60 24 12 90 80 1 160 48 46 16 36.6 36.6 36.45 31.2 35.3 36.0 76.4 77.1 36.6 36.6 36.6 44.D 44.0 44.0 44.0 44.0 36.8 43.7 44.0 44.0 44.0 44.0 GE 200601 44.2 44.2 44.2 GE 180001 10.1 37.0 42.2 43.0 43.9 44.2 44.2 43.9 44.2 GE TEUDU 30.1 10.1 37.0 47.7 43.0 43.9 44.2 44.7 44.2 94.2 44.2 44.2 GE 140001 37.C 42.2 43.0 43.9 43.9 44.2 44.2 44.6 GE 12munt 46.8 SE TENON! 46.8 46.8 46.8 46.8 46.A 46.8 49.4 12.8 40.8 46.7 47.7 48.5 48.5 49.1 49.4 49.4 53.3 53.6 53.6 53.6 53.6 53.6 53.6 80001 GF 70401 34.2 43.6 50.5 51.5 52.7 52.7 54.0 54.0 54.0 6000 GE 94.4 5000) 4500) 93.1 94.4 94.4 94.4 94.4 94.4 94.4 84.6 94.1 94.8 94.8 94.8 91.1 92.1 93.5 4000 94.9 95.5 96.3 76.1 72.3 96.3 96.3 96.3 96.3 96.3 96.3 96.6 96.6 38 35001 76.4 85.4 92.5 93.7 95.2 96.6 96.6 96.6 96.6 96.6 3000 98.6 98.6 98, 25000 L 77.1 74.4 95.5 97.3 97.3 97.9 98.7 98.7 98.7 98. 98.7 98.7 98.7 SE 99.2 99.2 99.2 87.2 94.8 99.2 99.2 99.2 99.2 00. 99.2 99.2 18071 99.2 99.2 99.2 's E 1500 77.5 87.2 94.8 95.9 97.7 97.7 98.3 99.2 99.2 50.7 99.6 99.6 99.6 99.6 99.6 99.6 77.5 77.5 9001 87.2 94.8 96.3 96.2 98.2 98.7 99.6 99.6 99.6 99.6 99.6 99.6 99.6 94.5 78.2 99.9 99.9 97.9 77.7 99.9 99.9 99.0 99.9 99.9 99.9 99.9 99.9 r, F 7401 77.5 87.2 94.4 96.3 98.2 98.7 98.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 υE 100.0 100.0 100.0 100.0 94.8 100.0 100.0 15 F 4001 17.5 87.2 94.8 96.3 98.2 98.2 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.D 100.0 77.5 95.8 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 υE 2001 77.5 97.2 94.4 96.3 78.2 99.2 98.9 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 tont J. 96.3 98.2 98.7 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ijĒ TOTAL NUMBER OF ORSERVATIONS: 711

7

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLORAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC STATION NUMBER: 404390 STATION NAME: RIVADH SAUDI ARABIA PETIOD OF RECOPD: 77-84 HOURS(LST): 1800-2000 MONTH: DEC GE 32 GE 5 FEET ten 40 24 8.0 60 50 16 12 10 NO CETE T 73.4 = 30.5 35.5 36.3 16.9 36.5 37.0 37.1 37.1 37.1 17.1 68 20000 68 18060 36.2 42.5 42.7 44.1 44.1 44.1 44.1 44.2 44.2 44.2 44.2 44.1 44.2 44.2 44.2 44.2 44.2 TE TEUMPT 28.4 26.4 35.7 41.4 42.7 41.0 44.2 44.2 44.2 44.2 GE 14000 43.9 44.2 44.2 44.2 44.2 44.2 44.2 44.4 GE IZHON 28.5 35.3 91.7 47.9 **44.** 84. 44.5 GE 100001 37.6 43.4 44.6 45.9 66.0 46.2 46.2 46.2 46.2 46.2 46.2 46.2 9000 38.6 44.8 47.6 57. 80001 41:4 52.3 52.5 77:3 48.7 50.4 57.0 52.0 57.1 57.3 57-52.3 52.5 7040 52.5 GE 60001 37:3 41.4 48.9 50.4 57.3 96.7 96. ו יינוטול 75.8 85.0 92.5 पव . 1 75.0 96.2 76. 96.2 96.3 96.2 96.2 96.2 4500 76.0 85.2 94.2 96.0 96.0 96.3 96.3 96.3 St 40001 86.0 77:5 95.1 96.9 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 76:4 96.9 97 : TT 3560] 93.9 95.5 97.3 30001 76.8 86.6 **78.**₹ V . RV 96.9 96.9 98.4 98.7 98.7 98.6 98.9 98.9 99.U 99.3 99.0 25011 76.8 86.5 74.0 78. 99.0 99.0 99.0 99.1 99.0 99.0 44.1 99.3 2000 77.1 86.9 95.2 98.7 98.7 99.3 99.3 99.3 99.3 99.3 77.3 GE GE 1500) 86.9 95.3 97.0 98.9 98.9 99.0 99.4 99.4 99.4 99.7 99. 95.5 95.5 95.5 99.2 99.2 99.7 99.2 99.2 99.7 99.7 99.7 99.7 90.7 90.7 90.7 10001 86.5 97.3 99.5 99.7 99.7 99.7 77.1 86.9 +uni 97. 7 99.3 77.1 79.7 99.7 99.7 99.7 77.7 99.7 GE TOF 7001 77.1 86.9 95.5 99.3 6001 86.9 95.5 77.4 44.6 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 500 86.9 1 TO . 17 77.1 75.5 99.8 99.K 11111 - 11 100.0 TOO IN 70.0 100.0 100.0 GΕ 400 77.1 77.1 86.9 95.5 77.5 99,4 90.0 99.6 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 50 3001 170.0 100.0 100.0 100.0 100.0 100.0 86.9 υ£ 200 100.0 100.0 100.0 100.0 100.0 100.0 1071 CE 85,9 100.0 100.0 44.6 100.0 190.5 100.0 100.0 100.0 100.0 99.6 187.4 148.6 188.4 188.6 188.6 188.6 188.6 188.6 99.E 77.8 TOTAL NUMBER OF OBSERVATIONS:

GLORAL CLIMATOLOGY BRANCH USAFLTAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE THAC TATION NUMBER: 404380 STATION NAME: RIVAGH SAUGI ARABIA PERÍOD OF RECORD: 77-84 MONTH: DEC HOURS(LST): 2100-2300 CEILING
IN ST
FEET | 160 FEET | 160 90 80 60 49 40 32 24 20 16 12 10 9 5 4 U 35.9 35.9 35.9 35.9 35.9 NO CETE T 25.8 31.4 35.2 35.8 35.9 35.9 35.9 35.9 35.9 39.7 39.7 39.7 SF 200001 ?8.Z 34.1 38.6 39.6 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7 39.7 19.7 GE 160001 34.1 38.6 39.6 39.7 39.7 39.7 39.7 GE 140001 GE 120001 28.2 34.1 39.6 19.7 10.7 10.7 10.7 39.7 40.0 40.0 40.0 40.0 40.0 47.0 40.0 40.0 40.0 40.D 40.0 GE BUDUL GE BUDUL 29.6 42.3 42.3 42.3 43.0 42.3 42.3 42.3 42.3 42 · 3 43 · 0 46 · 8 42.3 42.3 43.0 43.0 43.0 43.0 43.0 36.3 41.7 47.8 70001 39.3 32.4 45.6 47.0 47.5 97.6 47.6 47.6 47.6 60001 95.2 95.2 96.3 96.6 Sount 40.1 93.4 95.4 96.6 96.9 45001 90.1 87.0 94.8 95.2 95.4 95.4 96.6 95.4 95.4 87.7 87.9 95.8 95.9 96.3 पंतरत र AU. 5 74.4 96.6 6E 3500 94.5 90.6 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 30001 31:3 89.0 96.2 78.6 250m1 200m1 81.3 96.3 98.5 98.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 TRUTT H1:3 87.2 96.3 91.7 96.5 98.5 98.7 98.7 98.7 81.3 99.3 99.3 99.1 99.3 99.3 12001 81.3 89.3 96.9 98.3 99.11 80.3 00.1 99. 00.1 10001 1000 99.4 99.9 8071 91:3 97.5 98.9 39.9 99.6 99.5 00.0 99.9 77.7 00.0 99.9 99.9 99.9 7601 81.3 99.9 99.9 600t 87.9 90.0 90.0 100.0 100.0 5007 81.3 89.4 77.5 99.9 99.6 99.6 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 4601 91.3 89.9 97.5 98.9 98.9 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 99.6 100.0 99.6 100.0 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.6 100.0 100.0 100.0 77.5 99.9 1001 F1:3 TOTAL TO 100.0 100.0 100.0 100.0 100.0 100.0 100.0 77.6 99.2 100.0 100.0 100.0 100.0

GLITEAT TELIMATOLOGY RHANCH PERCENTAGE PREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
USAFETAC FROM HOURLY OBSERVATIONS
ATH METATHER SERVICE THAC

STATION NUMBER: 474300 STATION NAME: BIVAON SAUDI ARABIA											MONTH: DEC HOURS(LST): ALL						
CFILL	No							VISIBIL	ITY IN		S OF HE	TERS					
-11		7.1	Př	GE.	GE	GE	GΕ	5.5	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1 1	160	90	8 (,	50	48	40	32	24	20	16	12	10	8	5	4	u u
• • • • •	• • • •	• • • • • •			•••••	• • • • • •		• • • • • • • •		• • • • • • •		• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	•••••
भग टह	IL I		23.9	31.7	77:3	38.5	38.9	38.9	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4
CE 70		• 0	78.2	35.3	41.7	43.2	43.9	44.0	44.4	44.5	44.6	44.6	44.6	44.6	44.6	44.7	44.7
6E 18		•0	26.3	35.4	41.9	43.3	44.1	44.1	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8
UT 16		.0	76.3	35.5	41.9	43.4	44.1	44.1	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8
6E 14		•0	26.3	35.5	41.9	43.4	44.1	44.1	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8
GF 17	ן מטטיי		76.6	35.7	77.2	43.7	44.5	44.5	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
ल का		•11	28.0	37.6	44.4	46.0	46.8	46.8	47.4	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
	וחשחו	• 0	24.6	38.4	45.5	47.1	47.9	47.9	48.6	48.7	48.8	48.8	49.8	48.9	48.9	48.9	49.D
	ן מטמו		. 40.4	- 41.9-	50.0	51.7	52.7	52.8	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9
	roun I	• 0	?1.1	42.1	50.2	51.9	53.0	53.0	53.8	54.0	54.1	54.1	54.1	54 • 1	54.2	54.2	54.2
rr - b	វាបារាវ	.11		47.7	50.3	52.0	23.1	53.1	53.8	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3
	mon' i	•0	71.4	82.5	90.6	92.3	93.4	93.5	94.2	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7
	ison j	• 0	71.0	82.6	90.7	92.5	93.6	93.7	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
	1000	- 17	72.4	83.8	92.0	93.8	95.0	42.0	95.8	49.1	96.2	96.2	96.2	96.2	98.3	96.3	96.3
	SSUNI	•0	72.5	84.6	92.5	94.1	95.3	95.4	96.1	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.7
GE 3	ויוטייפ	•11	73.1	85.0	93.7	75.6	46.9	96.9	97.7	98.1	98.2	94.2	98.2	98.2	78.2	98.3	98.3
5E 2	1001	•11	73.5	85.3	74.0	75.7	97.2	97.3	98.1	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
SE 2	1000	• 0	13.6	85.6	94.3	96.2	97.5	97.6	98.4	98.7	98.8	94.8	98.8	98.9	98.9	98.9	99.0
5E 1	10081		73.6	85.6	- 44.3	96.2	97.5	97.6	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
SF I	5001	• 17	73.0	85.6	34.6	96.5	77.8	97.9	99.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3
2 E I	17001	•0	73.6	85.6	74.6	96.5	97.9	98.0	98.7	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
	ו ריטיז	•0	73.6	85.7	74.7	96.7	98.1	98.2	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
	9001	• 17	73.6	85.7	94.7	96.7	98.1	98.2	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE	THUR		73.6	- 55.7	44 ! B	75.7	98.2	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
Ų E	tun [• 0	73.6	85.7	94.8	46.7	98.2	98.2	99.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE	កប្រា‡		73.5	" 85.7	74.3	95.7	98.2	¥ . 7	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
G E	5001	- 0	73.6	45.7	94.8	95.7	98.2	98.2	99.1	99.6	79.7	99.7	99.7	99.7	99.8	99.9	99.9
	4001	• 0	15.6	45.7	94.8	96.7	96.2	98.2	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9
	3001	- 0	73.5	85.7	9.50	96.8	78.2	98.3	99.7	99.7	99.8	97.8	99.8	99.8	99.9	99.9	100.0
	2001	• 0	71.6	85.7	94.8	96.A	98.2	99.3	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
GF	1001		73.6	85.7	on B.	98.8	4F.Z	98.3	99.2	99.7	99.8	97.A	44.8	99.8	99.9	99.9	100.0
G E	- 11	0	73.6	95.7	74.8	96.8	98.2	98.3	99.2	99.7	99.8	97.8	99.A	99.8	99.9	90.9	100.0

TOTAL NUMBER OF ORSERVATIONS: 5533

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATR WEATHER SPRVICE THAC

STATION NUMBER: 404 380 STATION NAME: RIVADH SAUDI ARABIA

MONTH: ALL HOURS (LST): VISIBILITY IN HUNDREDS OF HETERS

GE GE GE GE GE ******************************* CEILING IN ĞĒ 90 1 100 30 6.0 32 24 40 16 10 34.2 NO CETE 1 .11 24.6 44.0 GE ZUQUAT 25.9 36.5 45.0 47.2 48.7 50.4 50.6 50.7 50.8 50.9 51.0 51.0 51.0 26.0 26.0 45.1 48.9 50.7 50.8 50.9 50.9 51.0 51.0 6E 180001 36.6 48.8 50.0 50.5 -17 36.6 47.3 48.8 50.0 50.5 GE 190001 26.0 50.8 51.2 51.5 36.6 45.2 48.8 48.9 50 . n 50.5 50.8 51.0 51.1 GF 120001 45.6 27.5 28.1 29.3 6E 100001 47.7 51.7 52.8 54.0 53.9 38.1 50.0 51.5 53.6 53.7 53.8 54.0 54.8 51.1 52.7 54.6 54.8 55.0 55.2 55.2 55.3 1กมา8 53.5 55.3 57.4 57.7 57.8 41.4 51.0 55.1 56.5 57.1 7000 56.7 58.0 58.0 58.1 38.5 GE 6000 41.6 51.3 53.7 55.4 55.5 68.8 64.8 67.5 5000 4500 80.8 90.5 93.0 94.8 96.7 96.9 97.0 97.2 97.3 97.4 94.7 97.4 90.6 47071 E1.8 94.3 96.0 96.1 97.4 9 A . H 98.3 OR. T 98.6 98.6 98.7 98.8 35u0] 96.3 98.2 98.5 98.7 98.8 98.9 98.9 67.7 3110111 96.1 98.1 99.1 रच्यता 82.3 92.3 95.0 96.7 96.9 98.2 98.8 99.1 99.1 99.4 99.4 99.5 99.6 99.6 99.7 99.7 69.8 82.3 92.4 95.1 Senal .0 99.6 99.7 ŪΕ TRUUTI 96.A 99.7 90.1 60.7 - 0 97.11 98.3 94.9 4.00 99.7 1560 62.4 82.3 92.5 57.E 12071 95.1 99.3 99.3 99.5 90.6 96.9 97.0 98.4 99.11 99.7 00.A ויטמו 99.7 00.0 72.5 76.9 97.4 99.6 99.A 99.0 99.3 90.A 82.4 82.4 92.5 95.Z 95.Z 97.1 97.1 98.4 99.3 99.4 1.5 900 69.8 99.6 99.8 17.8 ווטא ŧσ 76.9 99.1 99.7 99.8 99.9 69.8 ₽E 7091 82.4 92.5 95.2 96.9 98.4 77.5 82.4 92.5 97.0 99.4 00. 99 . A 80.4 100.0 97.1 1000 1001 2001 69.6 50.8 82.4 92.5 92.5 97.1 97.1 98.5 98.5 99.1 99.1 99.4 99.4 99.7 99.B 99.9 6 E 100.0 :0 97.0 99.9 69.8 59.8 92.5 95.2 99.1 99.4 97.5 97.5 97.8 . O 82.4 27.0 TUT 97 .U 78.5 99.1 55.7 97.1 99.9 100.0 97.0 98.5 99.1 99.4 90.5 99.9 97.1

TOTAL NUMBER OF OSSERVATIONS: 63930

PERIOD OF RECORD: 77-84

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky THIS SUBSTANCE IS PREPARED FROM HOUTTY ODSERVATIONS and IS a percentage frequency distribution of total cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have some sources or punched data used for this summary report croud amounts in eights. These new been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
	0
0	1
1	3
2	4
3	5
4	6
5	8
6	9
7	10
8 (or obscured)	,

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10 Scattered was converted to 3/10 Broken was converted to 9/10 Overcast was converted to 10/10 Obscured was converted to 10/10

SEUPAL CLIMATCEOGY BRANCH USAFETAC ATE MEATHER SERVICE/MAC

SKY COVER

MIYADH SAUDI ARABIA

77-84

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS '(S *	i	L MEAN	Tig tal										
MONTH		0	. 1	2	3 .	4	5	6	7	8	9	10	TENDOS DE SENSOS DE	NO C1 OP:
JAV	<u>∩u+07</u>	63.3	1.2		7.7	4.1	4.1	4.7		3.6	9.5	1.8	2.2	169
	13-05	61	2.2		4.4	9.8	4.0	4.9		4.4	5.3	4.0	2.2	226
	76-0°	59.8	5.6		5.7	7.3	3.9	2.8		7.3	5.6	1.1	2.1	179
	79-11	42.5	8.7		5.7	4.8	7.5	7.9		7.9	12.3	3.1	3.3	228
	12-14	45.	9.6		6.4	4.1	8.7	7.8		5.0	9.6	3.7	3.0	218
	15-17	41.5	10.3		12.4	8.1	4.7	5.6		3.1	6.8	2.6	2.0	234
	10-20	41.4	8.4		7.4	8.4	11.3	3.9		7.9	7.9	3.4	3.1	203
	21-23	50.9	5.2		7.8	3.6	7.3	5.6		7.8	*.7	2 • 2	2.6	232
- -				· · · · · · · · · · · · · · · · · · ·										
		 			-					-				
	TALS	50.3	6.4		7.3	5.8	6.4	5.4		6.5	7.7	2.7	2.7	1689

USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

STOUTAL CLIMATCLOUY TRANCH STAFETAG

A . . RATHER SERVICE /MAC

SKY COVER

STATION STATION SAUDI ARABIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)			MEAN - TENTHS OF										
		0	1	2	3	4	5	6	7	. 8	9	10	- -	
<u> [4 </u>	00-02	61.4	2.4		5 4	2.4	5.4	3.0		3.0	6.0	4.2	2-1	1.6
	23-05	66.2	1.4		6.6	4.2	5.6	3.8		4.2	4.7	3.3	2.0	2
	76-09	54.3	4.2		10.6	6.9	6.3	4.2		3.7	9.5	1.6	2.4	1
	39-11	49.5	5.1		5.6	7.0	4.2	6.1		8.4	17.3	3.7	3.0	2
	12-14	46.7	5.5		8.0	9.0	7.5	4.5		6.5	9.5	3.0	2.0	1
	15-1-	96.6	9.4		4.0	8.1	2.2	8.1		7.2	12.3	4.0	3.3	2
	13-20	41.7	4.8		11.2	11.2	3.2	7.5		6.4	11.2	2.7	3.2	
	21-23	53.60	2.8		11.3	7.5	4.2	3.3		4.7	5.2	2.8	2.2	
··														
τοι	TALS	53.0	5.0		£ - 2	6.9	4 - 8	5-1		5.5	8.2	3.2	2.6	16

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

GLOPAL CLYMATOLOGY BRANCH UNAFETAC AIR WEATHER SERVICE/MAC

SKY COVER

4 4380

AIRANA ICUAR HUAYIN

77-84

M A Q

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			NEAN CIENTING OF	NC 15
	(L.\$ T.)	0	1	22	3	4	5	6	7	8	9	10		
445	10-02	47.2	1.6		7.3	5.2	7.8	5.7		7.8	8.8	6.7	3.3	19
	13-05	51.5	3.8		5.1	6.0	6.0	6.8		6.9	۹,3	6.0	3.0	23
	16-08	30.0	7.6		9.1	6.1	3.5	5.6		8.1	15.7	4.5	3.6	19
	79-11	39.9	3.1		7.0	9.6	5.3	7.0		B • 3	12.7	7.0	3.8	22
	12-14	42.6	7.4		4.6	7.9	6.0	6.5		8.8	12.6	4.2	3.4	21
	15-17	35.7	5.5		7.6	6.7	8.4	8.8		9.2	12.5	5.5	3.9	23
	18-20	27.7	6.8	·	7.3	5.3	9.7	8.7		12.6	16.5	6.3	4.6	20
	21-23	45.4	2.5		5.8	9.2	9.2	9.2		5.4	9.2	4.2	3.3	24
										-				
то	TALS	41.5	4.2		5.7	7.0	5.9	7.3		8.4	12.0	5.6	3.6	175

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

STOPAL CLIMATOLOGY BRANCH UTATETAC AL WEATHER SERVICE/MAC

SKY COVER

4 4 784 RIYADH SAULI ARAKIA STATION STATION STATION GAME

77-84

PER OD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OE:
Vo3	20-02	47.1	4.7		11.6	4.7	11-0	3.5		7.0	7.0	3.5	2.9	17
	03-05	51.7	2.2		3.6	7.8	4.3	4.7		5.2	9.5	6.0	3.3	23
	06-08	32.7	9.2		9.2	7.1	7.1	6.1		9.2	11.7	7.1	3.0	19
	29-11	40.1	6.8		9.7	5.9	6.3	5.1		6.8	12.7	6.8	3.6	23
	12-14	35.4	8.1		7.7	12.9	2.9	7.2	L	8.6	9.6	7.7	3.7	20
	15-17	28.4	5.9		8.9	9.3	10.6	8.5		7.6	12.7	8.1	4.3	23
	18-20	27.9	3,4		7.4	9.3	7.4	8.8		11.8	15.7	8.3	4.7	20
	21-23	41.1	4.8		10.8	8.2	7.8	6.5		6.5	9.5	4.8	3.3	23
					 					 				
					}									
										+				'
10	TALS	38.1	5.4		9.2	1.2	7.3	6-3		7.8	11-1		3-7	171

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SCUPAL CLIMATCLOGY BRANCH USAFLTAC ALB SEATHER SERVICE/MAC

SKY COVER

RIVAGH SAUCI ARABIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			MFAN	107AL
	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF
MAY	33-02	56.4	1.1		9.9	8.3	4.4	2.8		5.0	11.0	1.1	2.5	14
	03-05	60.1	3.9		8.8	5.5	2.9	4.2		3.8	9.8	2.1	2.2	23
	06-08	38.9	7.8		7.3	9.6	4.6	5.5		10.5	12.3	3.7	3.6	219
	09-11	51.7	3.5		7.1	9.2	5.0	3.4		5.0	9.2	5.5	2.9	238
·	12-14	52.7	5.4		6.8	6.3	5.0	4.5		5.0	10.4	4.5	2.8	22
	15-17	37.6	8.1		9.4	7.3	6.4	7.3		7.3	12.0	4.7	3.5	23
	18-20	39.0	6.3		7.7	7.7	6.7	4.3		8.7	16.3	4.3	3.8	201
	21-23	49.5	3.8		5.3	7.9	5.0	6.7		7.1	10.9	3.8	3.1	239
										-				
	 									-				
										 				
10	TALS	47.9	5.0		7.0	7.7	5.0	9.8		6.6	11.4	3,7	3.1	177

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SEUTAL CLIMATOLOGY MANCH USAFETAC AIM MEATHER SERVICEMMAC

SKY COVER

4 14 3ET RIVAGE SAUGI ARABIA
STATION NAME

77-84

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	₹			MEAN TENTHS OF	TOTAL NO OF
MONTH	(LST	0	1	2	3	4	5	6	7	8	9	10	SK+ COVER	015
אנונ	on-u2	91.3	2.0		2.0	1.5	5	- 5		1.0	5	, <u>, , , , , , , , , , , , , , , , , , </u>		19
	03-05	80.9	1.3		1.9	2.6	2.6	. 9		. 9			.4	22
	06 - 08	82.6	4.3		2.9	3.9	1.4	.5		3.4	5	5	.7	20
	29-11	88.4	3.7		2.6	1.7	1.7	.4			1.3		4	23
	12-14	92.7	2.4		1.0	1.0	1.0	. 5		1.0	.5		3	20
	15-17	84.3	5.2		2.9	1.9	1.3	2.4		.5	1.9		5	21
	14-20	81.7	3.5		3.5	4.0	2.5	2.5		1.0	1.0	.5	● 月	20
	21-23	84.5	3.9		3.5	2.2	1.3	1.3		1.3	1.3		.6	23
														
101	TALS	87.3			2.5	2.4	1.5			—	. 0			171

FORM 1UL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

SECPAL CLIMATOLOGY HRANCH UTAFETAC ATM WEATHER SERVICE/MAC **SKY COVER**

STATION STATE STAT

17-84

JUL TURNIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	1			MEAN I	10141 NO OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	CES
JUL	30-02	79.0	2.0		4.9	4.0	2.4	2.9		1.0	1.5	1.5	1.0	20
	13-05	83.4	1.2		3.7	3.7	2.9	1.2		.8	2.5	. 4	. 9	24
	26-08	50.1	7.0		8.8	10.2	3.3	5.1		2.8	2.8	. 9	1.0	21
	29-11	71.7	3.3		12.1	5.4	4.2	.8		2.1	.4		1.1	24
	12-14	77.7	5.8		5.9	4.9	2.4	1.9		.5	1.0		9.	20
	15-17	68.5	7.9		4.9	6.4	3.4	4.9		3.0	1.0		1.3	20
	18-20	66.8	7.8		5.2	5.7	5.7	4.1		3.6	•5	. 5	1.4	19
	21-23	62.3	4.3		8.3	7.8	3.5	3.5		2.6	1.3		1.3	23
					-		-							
fo	TALS	71.8	5.0		6.7	6.1	3.5	3.1		2.1	1.9		1.2	173

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

WINFETAC AIM WEATHER SERVICE/MAC

SKY COVER

STATION STATION SAULT ARABTA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	₹			MEAN !	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85
Alli	20-62	79.0	2.0		5.5	5.5	3.0	1.5		5	1.5	1.5	1.6	20
	03-05	82.1	2.4		4.9	3.7	3.3	. 8		-4	1.2	1.2	. 9	24
	06-08	64.2	8.4		11.2	2.3	5.6	3.7		1.9	1.9	• \$	1.4	21
	09-11	73.9	7.6		7.5	4.6	2.1	. 8		1.7	1.3	.4	•9	23
	12-14	75.1	5.5	-	5.0	5.0	5	. 5		2.7	2.3	• 5	. 0	21
	15-17	72.1	4.1		6.9	6.3	3.2	3.6		1.4	1.8	9	1.2	22
	10-25	66.2	7.4		5.0	5.1	3.2	6.5		3.2	2.3		1.5	21
	21-23	67.2	6.3		5.8	5.8	4.6	3.8		2.9	1.3	. 4	1.3	24
												- •		
to:	TALS	73-1	5.5		6.6	4.8	3.2	2.7		1.8	1.7	7	1.1	179

USAFETAC

AFETAC - AEATHER SERVICE/MAC

STAL CLIMATOLOGY BRANCH

SKY COVER

RIYAUH SAULI ARABIA

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(LST)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
SEF	20-02	85.9	4.5		4.5	2.0	.5	.5		1.0	.5	•5	.5	19
	03-05	90.1	1.7		1.7	3.4	1.3	1.3				.4	.4	23
	36-88	84.3	2.9		5.3	1.9	1.9	-5		1.5	1.0	1.3	.7	20
	09-11	89.6	3.5		2.2	2.2	1.3	1.3					• 3	23
	12-14	89.2	5.2		3.8		.5	.9				.5	.3	21
	15-17	82.5	5.3		6.6	1.8	1.8	2.2					•5	22
	18-20	74.9	6.4		6.8	4.1	3.2	2.3		1.8	. 5		.9	21
	21-23	82.0	4.4		5.6	3.5	1.3	.9		. 4	. 4	. 4	-6	22
														
10	TALS	84.8	4.2		4.7	2.4	1.5	1.2			.3		.5	175

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

JAMAL CLIMATOLOGY BRANCH JAMETAC ATM WEATHER SERVICE/MAC

SKY COVER

4 4 180 SIYADH SAUDI ARABIA STATION NAME

84

CCT.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	{L S T.}	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OFS
acr_	00-02	32.7	3.8	 ,	4.3		1.6	1.1		1.1	1.6	2.1	9	18
	03-05	86.4			2.5	1.7	2.1	2.1		4	3.3	1.7	.9	24
	26-08	65.4	4.7		7.1	4.7	3.9	1.9		1.4	6.6	3.3	1.9	21
	39-11	71.1	2.9		7.9	5.0	1.2	1.7		1.7	6.2	2.5	1.6	24
	12-14	72.2	7.6		5.4	2.7	. 9	4.0		1.8	••0	1.3	1.3	22
	15-17	68.9	3.8		5.5	5.0	3.8	3.4		3.4	3.8	2.5	1.7	2 !
	18-20	68.3	6.6		6.6	3.5	3.5	3.5		2.2	3.1	2.6	1.5	22
	21-23	77.4	3.0	·	3.8	3.0	3.4	3.0		3.4	2.1	9_	1.2	21
TO	TALS	14.2			5.4	3.3	2.5	2.6		1.9	3.8		1.4	1.87

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH UNAFETAC A IN WEATHER SERVICE/MAC

SKY COVER

RIYAUH SAUUI ARABIA

PERICO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	* TENTHS OF \$8.5 ("NER +	ORS
NOV	70-02	63.9	3.6		7.7	7.7	4.1	5.6		1.5	4.]	2.0	1.0	19
	03-05	71.3	4.3		3.9	3.9	5.2	5.7		1.7	3.5	. 4	1.4	23
	90-an	50.7	8.6		4.1	7.7	9.0	5.9		5.4	6.R	1.8	2.5	22
	39-11	47.4	6.9		6.9	5.6	6.5	6.1		5.6	9.1	3.9	2.8	23
	12-14	52.3	9.0		9.0	4.5	4.1	5.4		2.7	9.0	4.1	2.5	27
	15-17	51.7	11.2		6.5	4.3	4 . 3	6.5		6.0	P.6	.9	2.4	23
	18-20	50.2	12.9		5.5	6.0	5.1	7.8		6.5	5.1	• 9	2.3	21
	21-23	56.2	8.5		8.5	9.4	5.1	5.5		3.0	3.4	.4	1.9	23
101	TALS	55.7	8.1		6.5	6.1	5.4	6.1	-	_9.1	6.2	1.8	2.2	178

LUNAL CLIMATOLOGY HRANCH

O WESTAD

ATH WEATHER SERVICEIMAC

SKY COVER

4 4 2d D RIVATH SAULI ARABIA

77-84

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	1			PERCEN'AG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	•	_		MEAN TENTHS OF	TOTAL NEL LIF
	-LST: 	0	1		3	4	5	6	7	8	9	10	SET COVER	56
occ	20-02	Sa.a	2.9.		. 5.9	11.8	3.9	1.5		3.9	. <u>8.3</u>	2.9	2.3	20
	23~05	59.0	3.4		7.7	7.3	5.6	1.7		5.1	6.4	3.8	2.3	23
	06-08	49.5	3.3		6.0	9.5	5.2	6.2		5.7	9.6	2.9	2 • ×	21
	09-11	34.2	8.8		7.5	3.8	7.9	7.5		9.2	10.4	5.9	3.5	24
	12-14	35.5	9.0		9.8	5.6	7.3	9.8		7.3	12.0	3.8	3.6	23
	15-17	32.9	9.4		5.6	7.3	7.3	9.0		9.8	9.8	4.9	3.7	24
	16-20	31.0	8.4		11.9	11.5	7.1	7.5		7.1	10.6	4.9	3.7	22
	21-23	45.1	4.9	~~ ~~	11.5	9.6	5.3	7.4		4.5	9.6	4.1	3.3	24
to	TALS	43.4	6.3		9.0	A.A	6.2	6.3		6.6	9.3	4.1	3.2	183

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SEAL CLIMATOLOGY BRANCH A' - LEATHER SERVICE/MAC

SKY COVER

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	SK+ COVER	085
JA:,	ALL	57.4	6.4		7.3	6.8	6.4	5.4		6.5	7.7	2.1	2.7	1689
* E 0	ĺ	51.0	5.0		8.2	6.9	4.8	5.1		5.5	P.2	3.2	2.6	1603
445		41.5	4.8		e. • 7	7.0	6.9	7.3		8.4	12.0	5.6	3.6	1754
4PH	1	39 - 1	5.6		9.2	8.2	7.3	6.3		7.8	11.1	6.5	3.7	1717
484		47.9	5.0		7.9	7.7	5.0	4.8		6.6	11.4	3.7	3.1	1776
JUN		87.0	3.3		2.5	2.4	1.5	1.1		1.1	.9	• 2	. 5	1712
JUL	ļ 	71.8	5.0		6.7	6.1	3.5	3.1		2.1	1.4	.4	1.2	1733
AUG		77.1	5.5		6.6	4.8	3.2	2.7		1.8	1.7	.7	1.1	1794
SEP		84.9	4.2		4.7	2.4	1.5	1.2		.6	.3	.4	.5	1755
oct	<u> </u>	74.2	4 - 1		5.4	3.3	2.5	2.6		1.9	3.9	2.2	1.4	1803
NOV		55.7	8.1		6.5	6.1	5.4	6.1		4.1	6.2	1.8	2.2	1794
orc		43.4	6.3		9.0	3.8	6.2	6.3		6.6	9.3	4.1	3.2	1637
101	TALS	65-1	5.3		ε.7	5.9	4.5	4.3		4.9	6.2	2.6	2.2	20959

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

- 1. <u>Cumulative percentage frequency of occurrence</u>—Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily HIGH temperatures (for available observations)
 - Daily LOW temperatures (for available observations)
 - c. Daily mean temperatures (high + low temperatures divided by two)
- 2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:
- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.
- NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and devpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\mathbb{X}X^2$), sums of values ($\mathbb{X}X$), means (\mathbb{X}), and standard deviations ($\mathbb{C}X$). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

4

3. <u>Means and standard deviations</u>—These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity—This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

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t 1

STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

JUN JUL

YEARS

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	٠ ٤,	71.6	816	.7.6			-		•			27.3	75.€	
	• · ·	50.6	74.7	91.9	•	•	•		•	•	•	21.4	59.7	
	75	11.0	46.3	78.2	170.3	•	•	•	•	•	100.0	:2.9	29.4	• } •
	•	13.7	2 .4	62.6	45.2	100.6		•	•	•	-7.9	73.1	10.6	73.
		. 201	5.3	ີ 37 . ປີ	85.2	99.1	•	•	•	•	· 63.2	77.4	2.3	- 53•5
	· .		1	72.3	73.3	48.6	•	•	•		7 . 9	11.7	•	5.7.
			. 5	. 1	43.5	1.0	190.0	•		100.0		-	•	4.
	ຸກຍ :	•			17.7	67.8		ט.נרנ		3.1	12.9	•	•	
	17	•			1.4	2.4	77.1	93.6	. 14.4 82.7	. 1.5 43.6		•	•	

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

TETATO
AL CETMATOLOGY -ATCH
TETATO
AT CEAT OR SERVICE THAC
MARKET ATTEMPT OR STATION NAME

77-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP OF	JAN	FEB	MAR	APR	MAY	JUN	JUί	AUG	SEP.	OCT.	NOV	DEC	ANNUAL
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	19.4					1.7.	13.7.	29.2.	11.9	. 1.3.				4.4
					1.7.	34.1.	6 0.	36.3.	72.0	. 25.2.				. 23.6
	'> <u> </u>			• .	16.3.	60.7.	97.1.	99.1.	69.5	77.7	. 11.3			. ₹∀•4
:	7			7.1.	44.5	91.5.	100.0.	100.0.	100.0	. 48.5	40.9	. 1.4.		45.2
	5			18.0	70.8.	99.6.				.120.0.	. 63.4	. 10.4		. 5.5
	1	3.1	6.9	40.6	94.3	100.0					95.4	42.6	. 4.5.	. 65.6
	٠ 5	16.5	25.5	67.3	99.5						100.0	74.8	25.3	76.0
	- L	+3.1	6 .1	91.0	179.0							91.4	56.1	7.5
	4	76.7	92.0			•		•				79.5		45.8
			97.3			•					•	100.0		49.0
	35		1 0.0		•	•	•	•		•	•		9.5	
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	MEAN	43.6	5	58.3	68.4	76.7	8.9	83.3	91.5	77.1	60.1	58.3		
	S D	6.024	5.533	7.101	5.559	5.018	3.637	3.542	3.188	3.637	5.037	5.776	6.061	17.620
	TOTAL OBS	197	188	211	209	211	205	219	202	202	194	222	221	2481

USAFETAC FORM 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

UL RAL CLIMATOLOGY SKANCH

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STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

77-84

YEARS

49.C 54. 94.6 99.1 99.5 86.3 173.3 173.0 170.0 66.3 26.8 98.5 32.0 99.5 100.0 55.5 11.3 54.5 96.2 78.. 100.0 97.4 34.6 57., 91.0 92.0 99.1 95.4 100.0 76.1 09.5 45.5 97.0 97.3 29.4 1:0.0 100.0 99.5 100.0 100.0 6.31 6.114 7.32 5.918 4.666 2.97 2.822 2.532 3.054 4.985 5.835 6.471 MEAN 1.5 211 205 219

LISABETAC FORM A 21.5 (OI A DEPURIES EDITIONS OF THIS SCIENT ARE CONCRETE

ALITAL CLIMATTLOSY HARACH ATAFETAC ATAFETAER SERVICEZMAC

EXTREME VALUES

MOVIMEN TOMPLRATURE

FROM DAILY OBSERVATIONS

STATION STATION NAME 77-84

YEARS

WHOLF DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	אטנ	AUG	SEP	ост	NOV	DEC.	ALL MONTHS
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	n.,	* a ×	100.	1,45	119	_ 113;	1174	111	105.	174	71	14, 1	11
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	- 1	e 10	8	.7	10	115	115	113	106	170	21	೯೬ "	11
¥	و ج	- 3 #	96.	1.2*	17-	119	1130	109*	175	99	181	<u> </u>	11
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S.D.	3.5	7.00		3. 17	<u> 2 1/5 + / </u>	+	1.91	113.1	*	11.50-51		2.217	
TOTAL OSS.	1.7	198	-711	2 6	211	2 15	715	202	2021	194	. 22	221	24

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FAT LEAST ONE DAY LESS THAN 24 085)

LE PAL CLIMATOLOGY PRANCH DRAFLTAC ACH MEATHER SERVICE/MAC

EXTREME VALUES

MIN M. M. TEMPERATURE

FROM DAILY OBSERVATIONS

STATION NAME

**

CHILL DEGREES FAHRENHEIT

HONTH	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	ост.	NOV	DEC.	ALL
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+ 1		41	4.5	55	5 E P	77*	77 b	75*	50*	- (461		* 3
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	3	196	41	d	£ ^ }	77	H 1	77	72	50	43	4 .	3
	* 7 W	39#	48	<u> </u>	67#	74	215	77*	7:4	55	55	4 5	* 3
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MEAN	76.	40.3	45.0	57.8	68.0	-	76.3	77.3	72.5	61.5	47.7	39.	
5. D				3.4 8			3.775					4.600	
TOTAL OBS.	1 7	188	211	2.9	211	205	219	212	202	194	222	2.1	24:

JEAR STAC FORM GREE (OFA)

LAT LEAST ONE DAY LESS THAN 34 OHS

GC PAR CRIMATOLOGY RRANCH CHECTAC Altharather Servic, Mac

H 14380 PLYAUH SAUL APARTA
STATION STATION NAME

PSYCHROMETRIC SUMMARY \$

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Temp.						WET BULB									TOTAL		TOTAL	
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Element (X)		ž _X ,			ZX	X	•,		No. Obs.				Meen No.	of Hours	with Tempera	ture		
Rel. Hum.			5353		3194		13.4	20	625		F :	32 F	≥ 67 F	+ 73 F	- 80 F	• 93 F		Total
Dry Bulb		TE 4		I	3368	1	6.2		628				• 3		1			
Wet Bulb			3838		2812		5.36		625			• 1						ς
Dew Point		50	1626		2197	6 35.2	7.42	30	625		4	0.6					i	

JUNE CLIMATOLOGY REARCH

PIYANH SALUI ARABTA

ATT LEATHER SERVICE HAS

AFE TAC

(OL A)

PSYCHROMETRIC SUMMARY

0330-050A Hours (L.s. t.) WET BULB TEMPERATURE DEPRESSION (F) (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 30 = 31 1 67 シアンス 1 5 34 1 51 10 4/5: 3.3 4. 5, G 77 11 .7 2.9 2.1 3.3 1.5 2.8 7.8 3.1 1 7 47 4.5 2.4 5.7 6.2 2.1 1 4 .. 1.3 2.8 747 43 21 41 1.7 4] 3 / 31 7 / 35 57 3 / ?? 51 67 1 25 1 21 / 17 55.613.051 No. Obs. Element (X) 2_x 1696227 578 Rel. Hum 1549642 29742 51.4 6.150 579 Dry Bulb 1135435 25421 44.6 5.491 • 5 Wet Bulb 753938 20422 35.3 7.492 578 37.0 Dew Point

CIA.

PILTAC PSYCHROMETRIC SUMMARY AT AESTHER SERVICE PMAL STATION STATION NAME OF STATION HAILA HOURS IL. S. T.1 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 26 27 - 28 29 - 30 - 31 57 55 4/ 63 37 51 15. 1.3 2.6 3.7 1.6 1.3 7.6 1.7 ... ₹ ¥ 30 5 / 45 73 7.3 47 53 2 % סי 5 1.51 7 4 7 47 < 7 9 4 7 45 44 .* 1.2 3.1 2.9 4/ 43 27 19 73 1.73. 27 41 31 77737 7.35 43 73 60 / 31 90 68 44 . š 2 / 23 11 BUSED PREVIOUS ϵ â ា ភ្ន 0.26.5 12 Element (X) 58.613.977 49.9 6.397 2212 25 35+27 606 s 32 F # 67 F | # 73 F | # 80 F Rel. Hum. 1539943 6.3 3, 351 26210 6.6 07 114167 43.3 5.929 Wer Bulb 39.6 Ų Ŧ 794697 71431 35.4 7.799 Dew Peint

BULLIAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** AT POPEAT OF PUSERVIC PHAC 1300 ALBANA TODAS HEATIS 0970-1107 HOURS (L. S. T.) PAUE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 7 91 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 177 • 3 •1 13/ 75 47 73 . 6 11 11 50 14 5 / 67 31 67 85 47 63 7 61 5,6 .1 54 7-57 1 6 67 28 5 / 55 1.0 1.0 1. 3.0 1.2 ŧ. 7 ..5 33 .1 1.7 1.4 2.7 2.6 .7 1.6 2.6 1.4 <u>,</u> 1/57 15 1/ 1/ 4 5 4 3 ه.' 16 -4 1-2 1-7 1-7 -4 -4 1-2 1-7 1-7 -4 19 . / 47 7 4-31 40 1 • 3 4/ 43 85 प्रका £ 3 41 431 7. 47 52 53 1 / 35 62 73 * 45 7 31 16 56 4.7 0.26-5 (OL A) 30 2 / 21 16 27 21 ./ 1 1777 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. : 32 F * 80 F • 93 F Dry Bulb Wet Bulb

HOWARD VOCADTAMILO JAK LI 1 PEETAD PSYCHROMETRIC SUMMARY A . STATHER SERVICE /HAC PINADH SAUNT APABLA STATION NAME WET BULB TEMPERATURE DEPRESSION (F) Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20-21-22 23-24 25-26 27-28 29-30: #31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 1-4 2 0-0 2-0 4-5 2 1.717-4 4-6 3-9 1-7 -3 -1 fr Element (X) No. Obs. 1576976 7362687 45.614.404 57.7.162 47.3 5.598 693 31456 •67 F •73 F •80 F •93 F Rel. Hum. 40159 1568444 32671 69) Wer Bulb 33 932724 24746 Dew Point

AC FORM 0.26-5 (OLA) BEVISD REVIOUS BRITONS OF THIS FORM ARE OLD LEFT

LE PAL CEIMATOLOGY GRANCH PSYCHROMETRIC SUMMARY A TO LEAT OF SECULE OF AC 49 4 7 A 73 1208-1450 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 1 37 7 / 77 2.6 1.4 14. :47 43 33 4 ° 1 / 37 0.26-5 (OLA) 3 / 33 17 04 41 77 / 25 1 8 71/ 23 13 Rel. Hum. Dry Bulb

JETTAL CLIMATCHOGY BRANCH 3 E 7 4 C PSYCHROMETRIC SUMMARY WEATHER SPRINTS /MAS TIYADH TAILI ATASIA 1270-14.0 HOURS (C. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 2 31 D.8-W.B. Dry Bulb Wet Bulb Dew Point 1 / 17 1 / 11 0 1 PHIS FORM 0.26-5 (OL A) X 74 34.211.731 56.0 7.584 53.9 5.301 No. Obs. Mean No. of Hours with Temperature Element (X) ≥67 F ≥73 F 37 • \$ 2 ∩ • 3 651 Rel. Hum. 3748753 45579 691 Dry Buib 18 7713 35153 591 Wet Bulb 023000 24645 9.7 Dew Paint

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Element (X) Rel. Hum. Dry Bulb Wet Bulb Dew Paint

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PSYCHROMETRIC SUMMARY

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art TA PSYCHROMETRIC SUMMARY LEATHER SERVICE MAL WITALH IN 1617 AFARIA WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 / 11 1 / 15 MA 0.26-5 (OL A) R 7. 31.311.703 68.1 7.603 51.7 5.156 35.4 7.847 No. Obs. Element (X) Σχ' Mean No. of Hours with Temperature 730771 Rel. Hum. 667 बॅडवर्डी 47.5 31 75/37 Dry Bulb 1743642 663 Wet Bulb 377455 Dew Point

CARCH SA GI . INc14 STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 - - 7 / 77 1 5-7 67 1.1 1 61 5.3 1.7 3.5 71 1 57 2.4 5-7 75 4/5 17 ; , u. 17 7-47 / 4. 47 43 ·/ e1 . 7 3 / 27 $\frac{7.3}{1-\frac{1}{2}}$ 3 / 3 7 2

PSYCHROMETRIC SUMMARY

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WELLIAL CLIMATOLOGY SHANCH 1 STATE PSYCHROMETRIC SUMMARY AT WEATHER SERVICEMAL FITALH SABLE ARABIA STATION STATION NAME 1 = 70 = 250 t WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10-11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb (F) 1 / 11 TIL 653 No. Obs. Mean No. of Hours with Temperature 24913 37.512.391 #1519 62.5 7.071 32592 49.2 5.225 USAFETAC 1377771 7627277 563 664 . 73 F Rel. Hum. Dry Bulb 1620247 363 658140 23282 35.1 7.828 663 Dew Point

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

0.26-5 (OL A) 1 0 5

SE HAL CLIMATOLESY HANCH AT AEAT OF STANICE MAC PSYCHROMETRIC SUMMARY COMPANY SAMES ASSESS WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 - 4 5 - 6 7 . 8 9 - 10 11 . 12 13 . 14 15 - 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . # 21 D.B. W.B. Dry Bulb Wet Bulb Dew Poin .9 7.1 4.1 2. 2.7 75 .9. 1 50 57 • 2 26 1 35 72 57 76 7 7 25 2.0 0.26-5 (OL/ 1 / 1 1 / 13 Wet Bulb Dow Point

IT I HAE CEIMATOLOGY THANCH . * * ETAC PSYCHROMETRIC SUMMARY AT - REATOLY SERVICE MAL CONTACH TALLET ARALITA 1100+2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20-21-22-23-24-25-26-27-28-29-30 +31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 7- 2-3 5-114-124-125-14-3 5-6 2-4 -3 4 2 3020 P ¥5.413.01# No. Obs. Element (X) 14 4744 267 F 273 F 280 F 293 F Rel. Hum. 665 37.3 6.600 46.9 5.515 35.5 7.904 38135 665 Dry Bulb 14 12324 31182 665 Wer Bulb 578665 23595 Dew Point

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0-26-5 (OLA)

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USAFETAC FORM 0.26-5 (OLA)

CLUPAL CLIMATOLOGY PRANCH A STATAC SERVICE /BAC PSYCHROMETRIC SUMMARY <u>+ +13</u>5 - FIYAUH SADJI ARABIA TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1. 2 3.4 5.6 7.8 9.10 11-12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dem Point (F) 1/11 174 •1 2.2 5.1 6.613.616.614.512.511.0 7.1 3.9 ?.1 1.7 PREVIOUS EBITIONS OF THIS FORM ARE ORSCIETE 0.26-5 (OL A) 44.515.876 No. Obs. Element (X) 23068D 11576434 5141 132.0 62.4 12.0 Total 744 5195 1431299 304640 58.6 Dry Bulb 47.4 6.167 744 11542763 245647 3131 Wet Bulb 6819355 183551 35.4 7.817 5181 300.4 Dew Point

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PSYCHROMETRIC SUMMARY

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SUBSAL CLIMATOLOUV PHANCH MARETAD PSYCHROMETRIC SUMMARY A PAPATILLE SERVICE PHAC ATHARA I J. AZ HI ANARIA 000-0200 ح ريز ه D.B. W.B. Dry Buil WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 116 0-26-5 (OL A) X 45.015.614 56.5 5.960 26123 No. Obs. 56 1 58 3 Element (X) Z X' 1317721 ≥ 73 F ≥ 67 F Rei. Hum. 5 32 F 1-78648 32912 3. Dry Bulb 46. 5.101 34.0 9.669 1243911 26697 580 Wet Bulb 715214 19738

US HAL CLIMATOLOGY YHANCH JAP ETAC PSYCHROMETRIC SUMMARY A PLUEAT FR SERVE COMAC 4 4363 AIBASA IUL SA JUI ARABIA FEL 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 69 . 3 1.4 61 45 47 83 . / 51 . 3 1.0 .7 1.5 1.5 2.6 1.9 1.4 1.6 1.7 3.3 2.1 1.4 • 3 33 57 • 3 • 2 7.55 4.7 3.7 1.6 4/ 53 4 1.9 1.4 . 2 1.4 1.7 4.9 11 t b 30 7 47 •3 1•0 2•6 2•8 1•6 •3 / 4' 5.1 157 3 ? 7 35 12 7-7 73 16 13 15 ₹ 1.7.15 1 0 -574 12 574 Element (X) Ne. Obs. <u> 1593091</u> 50.115.893 574 Rel. Hum. ≥ 67 F 574 1678149 30855 53.8 5.842 84 Dry Bulb 1168959 25737 44.6 5.110 574 84 Wet Bulb 718235 19711 34.3 8.496 574 34.8 84

VLUPAL CLIMATOLOGY TRANCH CLAFETAC AT LEATHER SERVICEZMAC 4 4760 MITTURE SAIDI ARABIA STATION NAME

PSYCHROMETRIC SUMMARY

STATION				51	TATION NAN	4E					,	YE ARS				MON	TH
														FAST	1	ະມາ ມີ + HOURS (L	
Temp.						WET BULB								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8 9	7 - 10 11 - 1	2 13 - 14 -15	16 17 - 1	18 19 - 20	21 - 22 23	24 25 - 2	6 27 - 28 29	- 30 31	0.8./W.8.	Dry Bulb	Wer Bulb	Den P
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0.26-5 (OLA)

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AL CLIMATOLOUS THATCH **PSYCHROMETRIC SUMMARY** SEAT TH SERVICE / SAC 4 . 1 299 ATEA A LUCKE PLAYER 5494-11.9 HOURS (L. 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3-4 5-6 7-8 9-10 11-12 13-14 15-16:17-18 19-20:21-22 23-24 25-26 27-28 29-30: = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 57 as 1 41 7 / 77 1.1 1.0 7 67 51.45 1.0 3.8 117 . / 51 1.5 1 57 2.4 1.3 # 2.4 .5 1.1 • 6 7 55 51 .3 . 2 ٤ 11 14 4 / 45 -47 43 16 3 1/ 33 54 37 31 ⁺ 67 · ? 69 19

No. Obs.

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USAFETAC FOUR 0.26-5 (OLA) HYMORENCO

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Rei. Hum. Dry Bulb Wet Bulb Dew Point

L. AL CLIMATCHOGY SCANCH HETAC SERVICEZMAC PSYCHROMETRIC SUMMARY STANIN SAILT ALASIA 1906-11:0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin / 1. 1711 0.26-5 (OL A) 39.115.314 žx' Element (X) No. Obs. 29483 39.115.314 4691 61.7 7.069 110411 626 627 ≥67 F = 73 F = 80 R = 93 F 17.6 5.6 1.1 Rel. Hum. 2418829 Dry Bulb 30495 48.7 4.857 21782 34.8 8.381 1570277 626 Wer Bulb 901920 Dew Paint 626

PAL CLIMATOLOGY TRACCH PSYCHROMETRIC SUMMARY SEATS POLICE STAG TRACT STYNON SALET A-ARTA YE ARS TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20 21-22 23-24-25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 18. -7 -7 3 61 4. 11 1 3: 3 4 7 7 .5 .6 2.7 (.2 7.1 1.9 1 77 1.7 44 41 75 2.9 2.2 1.1 1 64 2.3 2.3 1.9 4.7 7 67 6/ 85 . د OBSOUTE 47 57 70 . / 51 म, प . 6 4 6 THIS FORM ARE 1 51 5 172 4/ 5/ 11ê REVISED MEVIOUS EDITIONS OF 11 47 15 17 1 47 36 47 43 33 ,,7 27 41 7 / ** 53 ã 3: 57 õ 1/ 33 0.26.5 47 रा रा 47 2 1 21 46 71 9 5 1 0 Element (X) USAFETAC Rel. Hum. Dry Bulb Wet Bulb Dow Point

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3 45 (Tac PSYCHROMETRIC SUMMARY A RATHER SERVICEMENT 43-3 ATEACA ISCAT BUAYIV 1270-14.0 WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13 14 15-16 17-18 19-20 21-22 23 24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Bulb 7 21 1 / 17 7 13 MEVIOUS 0.26-5 (OL A) 2 2 2 2 2 x 18795 29.317.234 No. Obs. Element (X) 63187 1 32 F 6,41 Ret. Hum. 2 67 F 2 73 F 70.3 7.645 51.1 3278 67 45782 541 Dry Bulb 17-2224 33664 Wet Bulb R25153 22305 34.8 8.75 641 Dew Point

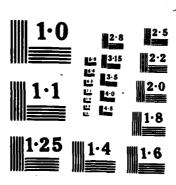
APATON SERVICE TO

PSYCHROMETRIC SUMMARY

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AD A159 667	RIYADH SAUDI ARABI CLIMATIC SUMMARY (TECHNICAL APPLICAT	A LIMITED SURFACE OBSI LISOCS. (U) AIR FORCE IONS CENTER SCOTT A	ERVATIONS ENVIRONMENTAL JUN 85	416
UNCLASSIFIED	USAFE14C705-857024	2	176 472	NL



TO THE REAL PROPERTY.

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CAFETAC **PSYCHROMETRIC SUMMARY** TO ABATHER SERVICE /MAC 300 STYADH SALUE SRAETA PAUL 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 24 25 - 26 27 - 28 29 - 30 | + 31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin (F) 21/ 23 27 21 13 77? 1 / 15 1 13 1 / 11 भ स €25 2x1 567773 No. Obs. Element (X) 7. 27.113.237 Mean No. of Hours with Temperature 16927 625 Rel. Hum. ≤ 32 F 45435 F. 4 3334534 72.6 7.635 626 Dry Bulb

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LUPAL CLIMATOLOGY RRANCH

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EDITIONS OF

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Wet Buib

Dew Point



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TO 101 At the Manager of Property Co. 101 At

USAFETAC FORM DISKS TO

PSYCHROMETRIC SUMMARY

LCBAL CLIMATGLOGY PRANCH PRETAC PA WEAT ER SERVICEMAL

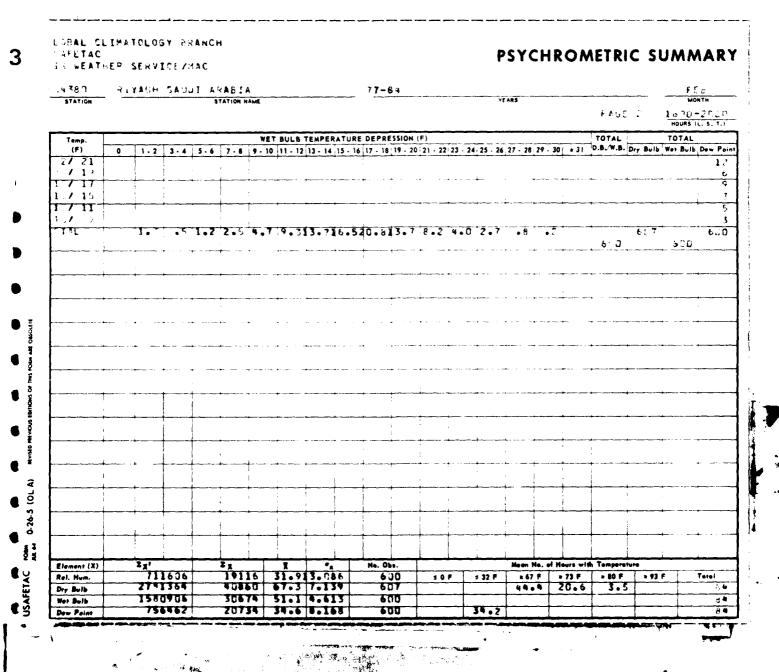
STATION NAME

7-84

F E &

PASE 1 1800-2003 HOURS (C.S. T.)

Temp.			_			WET	BULB	TEMPER	RATURE	DEPR	ESSION	(F)					TOTAL		TOTAL	
(F)	0	1 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28 2	9 - 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pain
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/ 67						1.2	•	1.5	1.8	4.2	1.4		•					64		
57 65						• 3		1.7	3.5	· •	1.0			+	•	.		61		
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Element (X)		Z g'			ž X		T	**		No. O	be.				Maan No	. of Hours w	ith Tempera	ture		
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Dry Bulb													\Box							
Wet Bulb													T			1		1		
Dew Peint						$\neg \uparrow \neg$						<u> </u>			Ī					
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4.35% PIVADH SAMUI APADIA PESE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb 7 . 8 9 . 10 . 11 . 12 . 13 . 14 . 15 . 16 . 17 . 18 . 19 . 20 . 21 . 22 . 23 . 24 . 25 . 26 . 27 . 28 . 29 . 30 . 23 7 4 5 1 79 51 75 47 73 21 71 2.0 1.0 1.7 7 54 1.5 1.6 2.6 .6 1.5 1.8 2.8 1.6 .7 / 67 67 65 .3 1.6 1.5 1.8 5.8 6.3 2.6 47 63 • 5 7 51 -3 1.0 Zel 3.1 Zen 1 59 1.2 1.2 3.1 4.9 1.5 1.5 2.0 1.5 1.5 7 57 50 •5 1•5 3•5 •3 •7 •5 1•7 1•5 •4 •7 •7 1•6 1•3 • 1 1 55 4 5 47 57 27 81 ٦ ٥ 37 4 / 47 7 45 4/ 43 27 41 1 . 7 37 1 35 77 33 ./ 31 / 27 7 75 . / 2 ! 111

No. Obs.

PSYCHROMETRIC SUMMARY

2100-25-0 TOTAL Wet Bulb Dew Pa

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TO WEATHER SERVICE / PAC

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Element (X)

Rel. Hum. Dry Sulb Dow Point

LHAL CLIMATHLOGY PRANCH **PSYCHROMETRIC SUMMARY** SEETAC . WEATHER SERVICE/MAL RIVALH SAUDI ARABIA Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point */ 13 / 11 112 ₹ (3 Element (X) 1059669 2275412 607 23787 ± 47 F = 73 F Rel. Hum. s 32 F Dry Bulb 1428993 29313 48.3 4.706 607 Wet Bulb 20933 34.5 8.202 Dew Point



CHAL CLIMATCLOGY RHANCH SELTAC CHARATHER SERVICEZMAC

PSYCHROMETRIC SUMMARY

Temp.						WE.	T BULB	TEMPE	RATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 1	2 13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	a 31	D.B./W.B.	Dry Bulb	Wet Bull	Dew '
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47 73		-			-	,	• ì	. 2	. 4	. 7	1.7	.7	• 3	- ਜ			•	198	120	•	-
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6 / 67					• 1	- • 3	• :	1.2	1.1	1.6	• 7	• 1	• 0					25	253		
67 65		• -			• 4	• 2	• t	1.1	1.9	1.6	. 4	1						2 5	. 93	·	•
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537 40		• ?	• 4	. 7	1.3	1.1	. 7	•	•0		-						•	216	219	630	1
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LUBAL CLIMATOLOGY BRANCH SECTAC **PSYCHROMETRIC SUMMARY** TO ASATHER SERVICE/MAC PIYANH SAJUI ARABIA WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8_W.B. Dry Bulb 1 23 1 1 7: 13 28 No. Obs. Element (X) 4824 187684 301084 38.917.118 62.2 9.770 A715296 207.2 110.8 30.5 Rel. Hum 672 Dry Bulb 11628069 672 235151 48.7 5.856 4824 285.3 Wet Sulb Dew Paint

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AL CLIMATOLOGY THANCH ATT WEATHTR SERVICE MAG

PONTER CONTRACTOR REPAIR

STATION NAME

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5/ 85 17-.5 1.7 • 5 7 50 5 / 67 6/6= 4/ 53 4.0 1.4 77 61 7 57 15 5 / 55 . 3 V7 53 11 11 21 74. . / 47 :7 47 45 : 4/ 43 : 0 4.5 27 41 47 35 ./ 35 33 ./ 31 7 7 77 - 1 ړي 2 1/ 23 27 21 2 Dry Bulb

6-5 (OLA) MYSED MEYOUS EDITIONS OF THIS FORM ARE OSLOTET

FETAC FORM 0.26-5 (OLA) HVIS

AL CLIMATCLOSY BUANCH PSYCHROMETRIC SUMMARY FETAC ACATHER SERVICE MAC STORFA TOTAR PORYING STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 1 17 3.4 3. 4.7 6.2 7.814.617.014.114.5 6.2 4.2 2.5 .3 1 . 318.194 64.7 7.369 No. Obs. Element (X) Mean No. of Hours with Temperature 1305455 264 73 642 545 Rel. Hum. 2 67 F 2 73 F . 80 F 273507× 41764 Dry Bulb 33110 51.6 5.720 1729557 642 Wet Bulb 24724 38.5 9.935 642 93 1015418 32.2

LINAL CLIMATOLOUS NAMON NOCETAC NOCETAC SERVICEMMAC

PSYCHROMETRIC SUMMARY

4330 PERSON SA WE SHARLA STATION MONTH 130<u>6-55.0</u> 11 A 17 1 1

											HOURS (L. S. Y.)
Temp.			WET BULB TEMPERAT	URE DEPRESSION					TOTAL		TOTAL
(F)	0 1-2 3-	4 5-6 7-8	9 - 10 11 - 12 13 - 14 15	- 16 17 - 18 19 - 2	0 21 - 22 23 - 24	25 - 26 27	28 29 -	30 • 31	D.B./W.B. C	ry Bulb 1	Vet Buib Dew Poi
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6/ 65	•		. 3 . 1.4 ?	.6 1.4 .:					4 1	: "	1
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5 7 55 .	• <u></u> • <u></u> •	5 .5 1.7	?. 1.7 .3					-	2	, , -	39 1
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Dry Bulb Wet Bulb	164975			643	 		44.0	5.2	1		+
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Dew Point	104100		, 3000 LA0010	. 573	2	D 4 4	i i				- 1

USAFETAC HOLM 0.26-5 (OLA)

SESHAL CLIMATCLOSY THATCH **PSYCHROMETRIC SUMMARY** LIETAS ATH WENT IFR STRUKTEZHAC •_-43c° CONTRACT SAIL TO BEARTA HOURS (4.5.1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14:15-16 17-18 19-20 21 22 23-24 25-26 77 28-29-30 = 31 1 77 . / 7: 7 43 7.67 67.6 7 57 , . . . 5 1 7 1: इ. / ६५ 11 . 1 1.7 47 53 41 4 1 1.4 1.5 4 / 4 .4/ 43 4 3 2 . :27 41 u / 3 . . . / 30 : 1 2/31 . Ĩ ã **₹** 0 2:1 23 হ 27 21 1/1/ 177 4 2 2 2 Element (X) Wet Suib

Con.

L PAL CLIMATPLOSA LIBE PSYCHROMETRIC SUMMARY A TO SEAT IN SERVICE PRAY LYASE SAMUE ASALIA STATION STATION NAME TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20.21.22 23.24 25.26 27.28.29.30 + 31 D.B. *.B Dry Bulb Wet Bulb Dew Poir PORM ARE OF THIS ã , <u>ē</u> 0.26.5 \$ 5 5 5 2_X¹ 1611523 Mean No of Hours with Temperature No. Obs. Element (X) USAFETAC 635 Rel. Hum. 7303476 636 Dry Bulb 1618072 635 Wet Bulb Dew Point

DITAL CLIMATCLOGY SHANCH TO FETAC A TO FEATS FOR SERVICE MAC

TYR . H SRUUT ARABIA

PSYCHROMETRIC SUMMARY

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STATION				51	ATION N	AME								•	EARS					-	OHTH
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Temp.						WET	BULB	TEMPE	RATUR	EDEPRE	SSION (=)						TOTAL		TOTAL	 -
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7 77				. ,		• 1	• 1	. 4	. 4	• 5	1.6	1.1	• 6	, Li				4.1	u]	/	
31 75						. 4	•		• t	2.3	•	2.4	• 9	. • 1			- · ·	3	<u> </u>		
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lei. Hum.								† <u>"</u>		,,,,,,	-	= 0 1		1 32 F	e 67		€ 73 F	= 80 F		F	Total
Dry Bulb						-+-		 -							+			1	-		
Wet Bulb	·					+-		 			+		_		-	$-\dagger$		· †			
Dew Point								+							4 .						

C. AL CLIMATOLOGY CHANCE **PSYCHROMETRIC SUMMARY** ARE ARATELR SERVICEPHAS 4_1475.5 ALBANA IUNAZ HUAYIY 590**0-11**,5 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 7 25 / 23 1 / 17 1.77.13 1 T : 698 Element (X) No. Obs. 35.616.675 73.6 8.244 54.5 5.509 10/6087 ± 32 F = 67 F | = 73 F | = 80 F Rel. Hum 3533459 49398 700 61.0 53 Dry Bulb 2096023 38056 698 43 Wet Bulb 27748 1168712 698 4 4 Dew Point

RIGHT A TOT A CABIA STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | x 31 | ID.B./W.B. Dry Bulb Wet Bulb Dew Point 11 37 21 34 34 3 7 37 37 43 67 5,2 6/ 65 31 1 66 ç 1 57 119 21 jA 34 447 43 44 53 92/ 41 3 / 37 34/ 33 Element (X) Rel. Hum. Dry Bulb

PSYCHROMETRIC SUMMARY

AL CLIMATOLUSY THANCH

LEAT OF SERVICE / MAC

TE TAC

0.26-5 (OL A)

Wet Bulb Dew Point NE MAL CLIMATELOGY PHANCH SETAT **PSYCHROMETRIC SUMMARY** HEATHER SERVICE MAC 1150 RIYAUH SAUDI AHAHIA W & to 77-84 STATION STATION NAME MONTH 1200-1403 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26-27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 37 31 7 1 25 27.21 117 7.1 . / 13 27.314.407 78.3 8.751 No. Obs. Mean No. of Hours with Temperature 671143 19239 705 Rel. Hum. ≥ 67 F = 73 F . 60 F . 93 F 4392972 55386 84.2 93 Dry Bulb 40440 57.4 5.336 2342044 705 3.3 93 Wet Bulb 1153706 27604 39.210.175 705 Dew Peint

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EDITORS OF

BYIND MEYOUS

(OL A)

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SE CAE CETMATOECSY SEANCH SEMPLIAC ARE AFATHER SERVICEZMAC MIMIBUL HIYAUM SAUDI AM

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB	TEMPE	RATUR	DEPR	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - id	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	0: = 31	0.B.W.B.	Dry Bulb	Wet Bulb	Dew
2/ 29																	•	4	4		
/ 97																	1.	11	11		
3/ 35							•	•	-	•			•	•	• •	- 3	2.5	21	2.1		
4/ 9.												• 1	• i	• 1	• 4			2.5	25		
16.										~		-		.4	7	1.3	1.6	8.5	2 9		
/ 9												• •	• 1	. 4	• .	1.8	2.0	34	3.7		
87 37						•	•			• 1	. 3	•	• 6	٠.	2.4	1.5	• 7	- 2	5.7	•	
6/ 85										- 1	•	• 5	• 8	1.1	1.7	•6	1.1	4.5	45		
च्या सङ्	· · ·	•	•	•				•	. 1	. 1	1.	1.1	1.7	1.7	1.0		• 1	3	5.3	•	
1 83								• :	. 1	1.4	2.1	2.4	4.1	3.2	2 • 1	• 6		116	11-		
						• 1	•	• 1	• 8	. 7	1.3	1.4	1.5	1.3	•1				5.8	•	
7 1 77				• 1			• 4	. 3	. 6	. 1	• 7	1.4	2.1	• 3				4, 4	44		
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41 71								. 1		. 3	2.1	• 6	1.4	• 1				3.1	3 7		
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P . A . A.2.		-		+			+		+	+-				·• ·-	•			+		1	
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3 . / 33			1							i			!				i 				
Element (X)		2 x'			X		X	٠,		No. 0	ba.							h Tamperat			
Rei. Hum.								↓				= 0	F	1 32 F	* 67	F	a 73 F	> 80 F	• 93	F 1	Tota
Dry Bulb																		<u> </u>			
Wet Bulb	_ ,							<u> </u>								\rightarrow					
Dew Point			!			1.		1	_ l_			L				Ĺ					

SECRETAC SETATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** WEAT ER SERVICE /MAC 474387 RIVADH SA IDI ARABIA FACE 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 . 14 . 15 . 16 . 17 . 18 . 19 . 20 | 21 . 22 . 23 . 24 . 25 . 26 . 27 . 28 . 29 . 30 | 2 31 | D.8./W.B. Dry Bulb | Wet Bulb | Dew Point 30 6.5 1 25 17 2/ 23 2/ 21 22 16 1 1/ 15 1 1.7 6 2: / 13 1711 71.5 THIS FORM AME OSSOLETE ã (લૂ 0.26-5 1 1 2 1 No. Obs. Element (X) 17109 57087 708 708 87.0 75.8 53.6 529357 Rel. Hum. : 32 F ≥ 93 F 93 Dry Bulb 2390098 40970 708 3.3 Wer Bulb 53 30.5 1097253 26897 38.010.329 93 Dew Point 708

SELFAL CLIMATOLOGY SHANCH DATETAC **PSYCHROMETRIC SUMMARY** ATR SERVICE YEAR 4 4 357 PRYFUH SAMOI ARABIA 1970~2767 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb 7 35 31 87 76 ٠, 2/ 71 1.2 2.0 33 1 67 1.2 1.2 1.7 2.2 1.5 33 7 41 ÷ 1 163 . 4 96 2.7 17 Q 8 26 43 14/ 43 0-26-5 (OL A) 36 39 52 317 33 65 57 5 0 F Dry Bulb

DESMAL CLIMATOLOGY PRANCH PETAC PSYCHROMETRIC SUMMARY A TO DEATHER SERVICE MAC AISANA IGHAZ HUAYIM STATION HAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Buib Wet Bulb Dew Point . / **2**3 -21 111 13 1.7.17 1 / 15 717 1 / 11 REVISED PREVIOUS 0.26-5 (OL A) ZX' No. Obs. Mean No. of Hours with Temperature Element (X) 625341 3954141 17383 28.114.269 75.4 9.292 55.7 5.225 689 167 F 173 F 76.9 50.2 Rel. Hum. ¥3 36360 2154470 93 1040704 75892 Dew Point

PSYCHROMETRIC SUMMARY

STATION	TATE SA SUL ALASIA STATION NAME	77-64		MONTH
			: 4.5 A	2110-2310 HOURS ICLS, TJ

Temp.			WET BULB TEMP	ERATURE DEPR	ESSION (F)				TOTAL		OTAL
(F)	0 1 - 2 3 - 4	5 - 6 7 · B 9 ·	10 11 - 12 13 - 1	14 15 - 16 17 - 1	19 - 20 : 21 - 22 :	23 - 24 25 - 26	27 - 28 29	- 30 + 31	D.B. W.B. (ory Bulb W	or Bulb Dew P
1.89				1		• `		3	*	,	
A1 37							3				+
67 35					• ' • ₹	• 3 . 5	• 3		1 ;	1 ~	
*/ P :						.5		· <u>'</u> — _	12	12	
7.7.31	, ,			• 2	• 5	1.8 1.1	• 2			37	
1 74			• • • • • • • • • • • • • • • • • • • •			1.4 . 3			7 _	_ <u>-'.</u> 7	
7 7 77			• 1	• 3 • 9		1.4 .2			4 4	44	
127 75			• , • • •	1.1.1.1.1	1.1	• t			. :2 -	4.7	
747 73		•	• 1•	1.4	2.00	•5 •7			5 6	56	
7./71		· · · · · · · · · · · · · · · · · · ·	• 1 • 1 • • •		1.	• 5				6.1	
1 69		• • •	• 1 • 2 1 • 1	1.4 2.1	2.4 .2	• 4			67	£ 3	
· / 67			• 1 • 5 1• 1	<u> </u>	<u>• *</u> . • \$.				1 1	1, 3	
6/ 55		•3 •6	• 4 • 5 • . 	3 1.7 1.5	•5 • *				' 1	41	10
·4/ 63	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	• • • • • · · · · · · · · · · · · · · ·	303 Le2 7 3 T	. • •				· - 5	:] ;;;	44
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34/ 73							•		+		· · ·
1.7 31											ί
7.7		†									
2 / 27				1							•
2.7 25							• • .		4.		2
24/ 23		1 1									. 1
Element (X)	2 g 2	Z x	X	A No. C	be.		Mean No.	of Hours will	h Temperati	10	
Rel. Hum.					: 0 F	: 32 F	e 67 F	+ 73 F	→ 80 F	▶ 93 F	Terel
Dry Bulb				 			1		1		
Wet Bulb						i	i				
Dew Point		<u> </u>					Ī	•	†	T	

LYAL CLIMATOLSGY 5-8.0m FTAC PSYCHROMETRIC SUMMARY SEAT OF SERVICE SEC CATAIN SAIJA ASAKIA MONTH 21 6-23-5 HOURS IL. S. T.1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1. 2 3.4 5.6 7.8 9.10 | 11.12 | 3.14 | 15.16 | 17.18 | 19.20 | 21.22 | 23.24 | 25.26 | 27.28 | 29.30 | e 31 | D.B./W.B. Dry Gulb Wet Bulb Dew Poin Temp. 7 17] / 1 23679 46146 Mean No. of Hours with Temperature No. Obs. Element (X) 35.716.864 69.3 7.724 53.6 5.549 38.710.023 1033469 3237752 663 Rel. Hum. 7 5 566 58.0 31.7 1924965 35535 663 Wet Bulb 1057454 Dew Point

USAFETAC NOM 0.26-5 (OLA) INVISTOMENDUS FORDORS OF THIS FOUN ARE OISSUETE

AME CLIMATIESS / S AN SETAC SEAT FO SERVIC ZHAC

PSYCHROMETRIC SUMMARY

YE ARS

STATION	STATION NAME	- 1-34
Terro	WET BULB TEMPERATU	RE DEPRESSION (F)

MCITATE		STATION NAM	£		_		¥ f	ARS				MOH.	Ή.
										<i>t.</i>	1	#1.L	
Temp.			WET BULB	TFMPERATI	URE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 2 3 4	5 - 6 7 - 8 9					. 24 . 25 . 26	27 28 29	10 + 11				Po
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€. ¥	• • • ^	• 2 • 3	• 5	.4 .	7 1.3 1.5	• 3 •	. 1			3-2	344	٠ ۽ (
7 67	• 1	•1 • 7	•5° (5)	1.0 1.	3 1.2	• 7	•	•		7.14	357	47	
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17 55		3	• 4 T. I	2.5 7.	7 1.1 .2	• 1	•	•		() I	535	266	1
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7 77	ा का अंदा का	. •1. •2.	. 0 1. 0	1.2	4 .1 .				•	C	200	491	11
1.57	•7 •7 •1	.4 .3	.7 1.7	٠,٠,٠	2 • `					1 1	1 5 1	571	112
<u> </u>			•6		1					154	158	5.76	1:1
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14,		• 11 • Z	• 2 • 2							5.7	57	574	26.3
7 47 1		.1 .2	.1 .	•				•	•		73.	468	261
/ 41		• 1	• 2							t	21	274	301
7 43	· · · · · · · · · · · · · · · · · · ·	- - 1 5- 15-		• • • • • •		• • •		•	· - • · - · ·			132	266
1 41	•	• • •									-	19	3.
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ं उत्त	••		+		· · - ·			•		· · ·		10	3 1 6
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ment (X)	Z _X ,	Z X	Ŷ	7,	No. Obs.			Mean No.	f Hours wi	n Temperati	ure		
l. Hum.		·	<u> </u>		•	: 0 F	- 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	T.	otal .
y Bulb		; —											
or Bulb		I					1						
ew Point			Ţ						-			1	

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Element (X)	Z _X ,	Z X	X	٠,	No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.						10 F	- 32 F	≥ 67 F	≥ 73 F	- 80 F	≥ 93 F	Total					
Dry Bulb				1			Ì				i						
Wer Bulb				'													
Dew Point																	

PLANAL CLIMATOLOGIC SATIS PSYCHROMETRIC SUMMARY ATH REAT ER SERVICE MAC WITE IL AL HERE STATION MAME ALL HOURS IL. S. T. TOTAL Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb 9 - 10 -11 - 12 13 - 14 -15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Poi 405 111 1 75 112 27 21 :0 7.13 29 1771 7.13 7 11 BEVIXED MEYICUS EDITIONS OF THIS FORM ARE OBSOLETE 0.26-5 (OL A) 1 2 2 Element (X) No. Obs. 24712:4 ±67 F = 73 F = 80 F = 93 F 448 - X 307 - 6 153 - 8 15 - 5 190252 Rel. Hum. 5383 27392131 380235 70.510.575 5397 744 Dry Bulb 15904979 290662 54.6 6.251 5383 9.8 744 Wet Bulb 8590230 206219 5383 Dew Point

3

A SEATOR SERVICE MALE

STATION STATION NAME

STATION NAME

STATION NAME

STATION NAME

PSYCHROMETRIC SUMMARY

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1 64				• 1			• 2		-		-												79		•
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1 21																									:
Element (X)		Σχ'			Z X		¥	•		No.	Obs.	,- -					de on N	o. of *	lours wi	th Ta	n peratur				_
Ref. Hum.	+												= 0	F	: 32		≥ 67		≥ 73 F		80 F	* 93 1		Total	ı
Dry Bulb	+							·							. 51			-		, -			+		-
Wer Bulb	 							+								-+-							+-		-
Dew Paint	 							+				- i		+		💠 -				+			-		_
vew Point																									_

DE PAL CLIMATOLOGY THATICH PETEC PSYCHROMETRIC SUMMARY AT FAT OF SERVICE MAC 4 3737 MONTH JP L - 1 ... TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28.29.30 +31 D.B. W.B. Dry Bulb Wet Bulb Dew Po 1 / 1 0.26-5 (JLA) ğ 3 Σ 2 Zx X ... 21918 33.716.572 48274 74.2 6.385 36684 56.6 4.435 26711 41.2 9.589 No. Obe. Mean No of Hours with Temperature *67 F - 73 F 79.7 52.4 648 651 Rel. Hum. 79.7 35 76215 Dry Bulb 2089450 648 Wet Bulb Dew Point

Circ.

ULTELTAC CLIMATOLOGY SKANCH UTSFETAC ASSTRACHER SERVICEZMAC 3

PSYCHROMETRIC SUMMARY

STATION STATION STATION NAME OF TAX O

Temp.						WET	BULR	TEMPE	RATURE	DEPR	SSION	(F)						TOTAL		TOTA	L
(F)	0	1.2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	1 + 31		Dry Bul		Ib Dew Po
157		 						+		+				•	• 2		+				
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57 35		•	•	·		•		·		+	·			. 2			4	4	4		
4/ 53						:							• :	. 3	. 2			٤	5		
L7 E1							•		. 3	. 3	- 3	1.4	1.7	+	• 6			11	31		
179							• -		• "	. • 2	• 7	2.0	2.2					3.5	35		
7 77							•		• 5	. 6	2.6	2.5	. 9	*			+	" -			
167 7 5 [• 7	1.	2		1.7				• ?				- 3	54		
47 73				•	• 2	• 5		•6	2.5	3.1	2.	. 6					•	76	71		
21 73				• 5	• 2	• 9	1.1	1.2	2.6	4.7		1.1	• 6					7	<u>.</u> 87		
7.7 69			•	• 2	-	1.7	• £	1.9	1.7	2.5								71	71		:
1 67			• 1	• 5	1.1		1.1					. •5				_		7.,			<u>.</u>
67 65		• 7	. 3	•		1.6			2.5	1.1	. 3						-	6.5	65	12	
41 53		1.4	• 2	1.2	-	1.4			1.4	• 3				_			_	72	7.2	32	
27 61				• -	• "		• 3	• 2											a	4 (-
J/ 59			• `	• 2			د ه		. 7	• 2								ć.			
7.57			•		_	• 3		.5	• 2									7	7	110	
1 65				• :	• Z	5	• 7		÷	.		.							6		
47 57			• `															1	1		-
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7 77		•		<u> </u>							·	• =									5,0
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7 75											 -		· · · · · ·								
1/ 23		,								į			i		:				;		
Element (X)		2 2'			ž _X	T-	X	•	-	No. O	38.	 			Moon No	o. of H	ours with	Temper	ture		
Rel. Hum.												10	F;	1 12 F	. 67		73 F	. 80 F		F	Total
Dry Bulb															!						
Wet Bulb								 					-			-					
Dew Point						+		+							·	-+-				+	

. CAL CLIMATCLOGY FRANCH Scenac **PSYCHROMETRIC SUMMARY** SAT ER SERVICE CAC FIYADH SAULT ARABIA STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 27.21 + 7.1: 77 7 2 3 71.1 6.027 55.6 4.570 41.9 9.200 24344 2x1 10/1390 No. Obs. Mean No. of Hours with Temperature 645 € 67 F = 73 F Rel. Hum. . 80 F 47 **₹300543** 46117 Dry Bulb 2008935 35876 645 27026 Dew Paint 1196922

0-26-5 (OL A)

3 DELPAR CLIMATOROUY SHANCH DELEFTAC ATT WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

TYACH SAIUS ARABIA 77-84

STATION STATION NAME VEARS

FASE 1 JOSU-DECT HOWS U.S.T.D.

Temp.						WET	BULB '	TEMPER	ATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8								23 . 2	24 25 - 26	27 - 28	29 - 30	1: + 31	D.B./W.B.	Dry Bulb		Dew Point
5/ 97			-	+	+	†					-			7				1	1		
6/ A5		1											• 2		. ?	. 3		ż	ż		
. 7 5 7			•	•		+	•	•		- •	•				. • 3.		• -	12	13	•	·
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770			+			•		•—			1.6		. 9		 3 -			- 37 +	36		-
7 / 77										2.1		2 • 1	, c					5.1	51		
7.77				·		•	· (.	٠, ۲	1.6							· ·		: 3	+ 3	-	
14/ 73				• 2			1.3	• 6	1.6	2.1				?				- 2			'
77:				- 5 5	+	2	1.3	<u> </u>	1.4	2.8	3	1.4	. 3	3	• •		•	5	£ -		
157				• 4	• 0	1.1	1.4	- 6	3.6	1.7	1.3	-	. ŧ					7.3	7 7		
5 / 67			•	• ?	2.2	• 5	1.1	1.7	1.6	1.9	- 7	*	- 7.7					· ····; - ·····	6 r	7	
57 65		. *	. 2	• •	1 - 4	1.3		. 9	7.2	2	. 3	• 2						5.5	5 6	19	
47.53			1.	• 5	• 5	1.7	1.3	3.2	2.7									· ? 7 ·	77	24	
121 61	• .7	• ?	• ?		• 2	• "	. !	• 7	. 2	,								1.1	11	54	15
707 59		•	· • T	∵∵•"₹	5						•			•				1	11	6	
151				•		. 3				• 2								4	4	102	
5 / 55			·	4	· .5	• 2	• :.										*	'		37	
4/ 53			•			. >												2	2	5.3	25
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Element (X)		Z x'			ZX	 -	X	7,		No. C	6.	!			Meen N	e. of H	ours wif	h Temperati	// 0		
Rel. Hum.								 -				201		: 32 F	2 67	F	73 F	- 60 F	• 93	F	Tetal
Dry Bulb				 				1							†					$\neg \uparrow \neg$	
Wer Bulb						-+-						<u> </u>	_						1	$\neg + \neg$	
Dew Point				 					_				_			_		 	1		
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BELTAL CLIMATOLOGY SHANCH PSYCHROMETRIC SUMMARY ALM REATH R SERVICEIMAL RIVAGH SA UT AFASIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 - 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 28 29 - 30 a 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point / 17 7.1 1-/ 13 1711 MENOUS NORM 0.26-5 (O.L.A) Mean No. of Hours with Temperature 24331 38.517.164 45789 71.1 5.366 35294 55.6 4.751 26713 42.3 9.801 632 Ref. Hum. 1122599 ±67 F = 73 F 65 • 9 36 • 6 a 80 F 3232303 90 1955234 Wet Buib 90 Dew Point

3 SEL AL CEIMATOLOGY HAARCH ASTRONAC

ALPAUN SAUUT APARTA

PSYCHROMETRIC SUMMARY

Temp.									E DEPR			-: -:	1.				TOTAL		TOTAL	
(F)	0 1 - 2	3 · 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 10	6:17 - 18	19 - 20	21 - 2	23 2	4 25 - 26	27 - 28	29 . 30	-	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
5/ 47	!	i												- 1	4.4	1.3	14	14		
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6/ 85 .									. ,		1.0			1.4	. 7	•	3.5	ąć		
4734			+				• · · · · ·	· - i	q				2.4		. 3	. 1		<u> </u>		
1 41						• 1		1.0	2.5	3.5			5.5		. 7		137	1 57		
7 70		···			• !	• 1											$\frac{1}{5}\frac{1}{3}$	· - E T		
1 77					•	• ł	1.2		1.7								72	7.7		
57 75		•		•1		• 7			1.4					•	•	•	30	· 3 / 2	-	
4/ 73			• 3 -	. 1	. 5		1.3	. 9	-	1.	. 9						4 :	4 4		
7775		· · - ·	• 3		. 4	• ~	. 3	.6	.7	. 1	•			•		•		2 7	1	
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Element (X)	z _X ,		<u>z</u>	<u>x</u>	-	X	· R	-	No. O	be.							h Tempere			
Rel. Hum.							ļ				± 0	-	± 32 F	≥ 67	F	≥ 73 F	≥ 80 F	× 93 1		erei
Dry Bulb							 	-+-					<u></u>				 	_		
Wet Bulb		1			_1_		L							1 _			1			

C POBM 0-26-5 (OLA) revisto revious sonions

TETAC MAL CLIMATOLOGY MARKON PSYCHROMETRIC SUMMARY A - LEAT IN SERVICE CIAC PERADE SAULT ARASIA 500-11:0 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (**F**) 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 · 25 · 26 27 · 28 · 29 · 30 * 31 * 0.8. /w.8. Dry Bulb 43 7 27 7 21 1 THIS FORM ARE ORNOLETE EDITIONS OF 0.26-5 (OLA) 2 ± ZX No. Obs * 73 F 18413 20.513.205 56736 81.8 7.406 694 - 80 F 4676374 Dry Bulb 41335 59.6 4.258 28726 41.4 9.738 2474501 694 4.0 50 Wet Bulb 1254738 594 De- Point

DELIBATION OF PRANCH DELIBATION OF ATTEMPT OF SERVICE MAS

4 3d D	AZ PLAYE	STATION NA			77-84		· · · · · · ·	EARS				MONTH	
STATION		STATION NA	ML				,,			i b. [i	12 0-1 HOURS 12.	4,
Temp.					URE DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8	9 - 10 - 11 - 12	13 - 14 -15	- 16 17 - 18 19 - 2	0 21 - 22 23	24 25 - 26	27 - 28 29	- 30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb De	, w P
7175									· • ·	2	.2		
-/103									1.3	- <u>- 4</u> -			
LIGINS									1 .	32	Ξ2.		
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-7 07							• •	. •1	1 5 . 4	45	40		
J/ 95				- · · · · · · · · · · · · · · · · · · ·				'	9 5.2		5 6		
-,) - ; ; -						. •			7 1.6	33	٦ ٦		
							1.3		9 2.0	- 66.	56		
7 97					• 1		7 1.0		0 1.4	64	64		
8/ 37 - (/ 35				·			7 1.0		$\frac{2}{6} \frac{1.6}{7}$	· 5:	- <u>60</u>		
- 67 45 - 57 67						1.0 1.				55	-		
7 3					1 .7 1.1		1 7.3	1.3.1.	.7	- 79	6 5 -		
17.			• 1				4 .7	• `		. 2	22		
7 / 17 ·	- · · · · ·		· · · · · ·		:	-		. •1 .		1	13		
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77 11				+		+ ·	•			+		+	ī,
4 / 3%		, F			1				:				3
Element (X)	2 %'	Zx	T		No. Obs.	T		Meen No.	of Hours wil	h Temperati	ure		
Rel. Hum.					1	10F	= 32 F	≥ 67 F	€ 73 F	- 80 F	. 93 F	Tot	101
Dry Bulb								L					
Wer Bulb		1		T									
Dew Point						1		1		1		· -	

STOPAL CLIMATOLOGY OF ANCH AFETAC PSYCHROMETRIC SUMMARY \$ L LEATIER SERVICTIONAL ATEASA IDUAC HOAVIS STATION 1200-14 8 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - a 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 5.7 55 . / 3) 77.71 7. 1 13 1711 1 14.01 20.1 9.64 62171 89.2 7.331 43165 61.9 3.872 78355 40.7 9.27 No. Obs 345963 Element (X) *67 F *72 F *80 F *93 F 90.0 89.0 91.5 30.2 Rel. Hum. 5572931 Dry Bulb 2683629 697 Wet Bulb 1215923 19.4 Dew Point

HEWARD REENOUS EQUICACS OF FINIS FORM ARE ORSOUTE

0.26-5 (OLA)

SE HAE CLIMATTERUT HARRON STORETAR ACHEATHER SERVICHINAC

PSYCHROMETRIC SUMMARY

4 4 7d C STATION NAME 1012-17.0

Temp.									TEMPER												TOTA			TOTAL	
(F)	0	1 . 2	3 .	4 5.	6 7	- 8 9	- 10 1	1 - 12	13 - 14	15.	16 17	18	20	21 - 22	23 -	24 25	26 27	28 2	9 . 30	• 31	D.B.W.	B. D.	Bulb	Wet Buil	Dew Poin
1177																				• :		i .	1		
7175																				•		٠.	2.		
- 21 22 T		•	•																	1.0	1		11		
2/151																					₹ (15		
20.00																			• • 1	1.5		Ž.			
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JU HAE CEIMATOLOGY HANCH FETAC PSYCHROMETRIC SUMMARY SAME STATES SEPTICE STATE 4 4 552 SARLI AFABIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 28 29 - 30 + 31 D.B. W.B. Dry Bulb 7 35 3 / 33 44 41 7 7 27 14 11 BEVISED MEYCOUS 0.26-5 (OL A) 1 2 2 3 2x x x x x 126.59 18.5 9.389 62749 90.8 7.317 42711 62.1 3.806 27183 39.5 9.646 271551 4735047 90 Dry Bulb 2661449 688 90 1137925

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USAFETAC NOW 0.26-5 (OLA)

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C 8 a 7 8 6 a 1 7 1 a 7 443346 USAFETAC - 80 F - 93 F 71 - 7 16 - 9 Rel. Hum. Dry Bulb 60.5 3.835 2462677 40569 Wer Bulb Dew Paint

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ement (X)	Σπ'		R -	No. Obs.			Mean No	of Hours w	th Temperer	uve	
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ement (X) II. Hum. y Bulb	5467987 35251357	149193 430871	28.0(5.579 80.610.032	5333 5348		± 37 F	67 F	+ 73 F			5 T. 7.
l. Hum.	5467487	149193	28.015.579	5333		:37 -	+ 67 F	+ 73 F	. 80 F	+ 93 F	

SICHAL CEIMATOLOGY SKANCH SIGNIFOC **PSYCHROMETRIC SUMMARY** LEATERY STAMFLE JURGS 185 H CAPUL AFABLA STATION NAME 090-0351 HOURS (C. 5) 1 WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B.-W.B. Dry Bulb Wei Bulb Dew Poir 1 97 • 2 17 93 • 3 12 / 21 .3 1.0 2.2 .6 1.4 7 87 44 41 87 2.0 2.4 7.7 2.0 E / EF •3 •3 1•6 2•5 3•1 4•6 •6 1•• 1•9 1•• 3•0 3•5 - 6 2.2 - 3 2.7 7 3 5.7 6.0 146 1.76 1.3 3.0 36 1.3 1. 7. 75 • 3 · · 47 73 ../ 71 7 57 c / 67 67 55 4/ 53 14 7 57 175 5 / 35 35 40 47 57 27 51 23 7 7 4 - 46 / 47 <u>5 €</u> c ^ 0 7 45 4/ 43 127 41 3 6. 1 35 3 45 2/ 31 41 Element (X) Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

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BUIMAL SEIMATOLOGY IKANOH FTAC PSYCHROMETRIC SUMMARY ATH RESTREE SERVICE MAL 4 4720 CITAGE SA SI ASAGIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 dmp. (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 - 25 - 26 27 - 28 | 29 - .0 = 31 D.B./W.B. Dry Bulb Wei Bulb Dem Poin 1 2 , , , , , 1 / 1 2₃1 5,79183 16375 25.713.016 53287 83.1 5.369 38829 60.4 3.957 636 641 Rel. Hum. 4448253 Dry Bulb 2331939 536 Wet Bulb 26807 42.1 9.790 17.F 1190765 636

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Element (X) Ret. Hum.

Dry Bulb Wet Bulb Dew Point

PSYCHROMETRIC SUMMARY

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10 F

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13/13-35(F

Mean No, of Hours with Temperature = 67 F = 73 F = 80 F = 93 F

GERTAL CELMATOLOGY (MAGCH PSYCHROMETRIC SUMMARY ETAC - SEATHER SERVICE SMAL STYADE SA WI APABIA MONTH 1300-05c HOURS (L. S. T.) TOTAL **(F**) 100 2x 19641 X 29.613.625 79.2 4.951 59.3 4.204 No. Obs. Rel. Hum. 4154113 52223 Dry Bulb 2322331 38993 658 Dow Point

0.26-5 (OLA)

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HELITAL CLIMATCLOGY TRANSH A SEATHER SERVICE /MAC **PSYCHROMETRIC SUMMARY** HAYAUH TA MI APABIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1 97 01 45 ॉंग वर् 1 21 37 37 1.2 1.7 1.7 ., 75 1.2 .5 4 1 • 5 57 1'6 115 5 / 55 34 47 57 40 . / 51 1.7 इ. ७ वर्ग 3 4 : / 47 3.7 - 6 .4/ 43 7 41 1/3. 3 / 37 / 35 3 7 33 Element (X) Rel. Hum. Wet Bulb Dew Point

STAC **PSYCHROMETRIC SUMMARY** LEATHER SERVICE MAC 4 445 PIYAUM SA IDI AHABIA STATION NAME 675-07-5 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | # 31 | D.B./W.B. Dry Bulb Wer Bulb Do (F) 70 1 2 3 2 1 2 3 3 1 3 5 1.7.23 27 21 1 f i FORM ARE ORSOLETE Ĩ MYIMD MEYICUS EDITIONS OF 0.26-5 (OL A) 11 714933 No. Obs. Element (X) . 80 F 19651 29.014.337 53284 8C.1 5.918 39460 59.8 4.357 28681 43.5 9.608 53284 Rel. Hum. 660 € 67 F | • 73 F 91.0 5.9 4292708 665 E4.0 571.0 Dry Bulb 2371738 660 Wet Bulb 1307107

660

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JUJEAU CLIMATOLOGY BRANCH PROFETAC A 1 - ABATHER SERVICE/MAC PSYCHROMETRIC SUMMARY CIYELM SAULE AHABIA WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 -/103 2/1 11 61 25 1 91 8 a 1 3 7 1.1 1.0 1.3 11 3 F Rel. Hum. Wet Bulb Dow Paint

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0.26-5

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L WAL CLIMATOLOGY WASCH PSYCHROMETRIC SUMMARY A SERVICE MAC 4 HIBS - RTYADH SAUJT ARASTA 1975-11 0 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20 21-22 23-24 25-26 27-28.29-30 = 31 1 34 7 33 121 32 7 25 27 21 fs T ς, 1 / 15 1 / 11 NORM 0.26-5 (OL A) Mean No. of Hours with Temperature Element (X) 403217 14937 21.211.100 64661 91.2 6.430 44901 63.7 3.730 30732 43.6 9.653 705 709 • 67 F • 73 F • 80 F 9 3 • 0 9 2 • 5 6 7 • 9 : 32 F - 80 F - 93 F Rel. Hum. 2669509 705 20.1 Wet Bulb 1405258 705 Dew Point

LUSAL CLIMATOLOGY HEANCH PSYCHROMETRIC SUMMARY A TO REATHER SERVICE /MAG 4 41 0 A BANA ILINAS ALAYIA MONTH 12-14 C WET BULB TEMPERATURE DEPRESSION (F TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 | 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 12/111 /10-7157 3. -7 /105 117.5 6 1 2/1 1 1 97 ,2 <u>4-</u> . .1 1.3 1.1 47 75 1.1 1.5 191 1.8% 57 97 • 1 • 1 41 45 प्तर रहे . .7 °1 775 7 / 77 7.7.75 4/ 7: FORTIONS OF 7 71 767 6/ 5" 47 61 + 11 / 61 -/ 元字 + . <u>3</u> 0.26-5 (OL A) 5 / 55 4/ 53 7 1 10 3 4 7 47 26 15.9 Element (X) Dry Bulb Wet Bulb Dew Point

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1 - 1 TAC	MATOLOS +			PS	YCHRO	METRIC	SUMM
a stope	STYACH SAIRT ASACTA		17-64				, •
STATION	STATION NAME			vê AÎR	s		MOURS -
Temp.		TET BULB TEMPERAT	URE DEPRESSION (F)			TOTAL	TOTAL
(F)	0 1-2 3-4 5-6 7-8 9-	10 11 - 12 13 - 14 15	16 17 - 18 19 - 20 21 - 2	22 23 24 25 - 26 27	28 29 - 30 - ≥ 3	D.B. W.B. Dry	Bulb Wet Bulb
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Element (X)	Σχ' Σχ	¥ *a	No. Obs		lean No. of Hours w	olth Temperature	
Rel. Hum. Dry Bulb	22950 11264 75395431 71517		719		93.0 93.0	92.4	• 93 F 5 D • 2
Wet Bulb Dew Point	3110792 47162 1339287 30149	65.8 3.511 42.0 9.997	717	19.3	37.2 2.0	b	
				-			FT 150

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TETAL CEIMATCERBY SHANGS TETAR AT SEATSEN SEGNICERSAC

PSYCHROMETRIC SUMMARY

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STATION STATION NAME FEAS HOURS [1, 1] 1 [-1,7] 7 HOURS [1, 3] 7.

Temp.							WET BU	LB TE	MPERA	TURE	DEPRE	SSION	F.							101	TAL		TOTAL	L_
(F)	0	1 - 2	3 -	4 5 -	6 7	8 9	- 10 11	12 13	14	5 - 16	17 18	19 - 20	21 - 22	23 24	4 25 -	26 2	, 28	29 - 30	31	D.B.	W.B. D.	+ Buib	Wet Bu	16 1
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Element (X)		Z X'			Σχ		X		_*,	4	No. Ob	•.					Mean N	o. of H	lours w	th Ten	paratur	•		
Rel. Hum.							i						± 0 F		- 32 F	F	≥ 67	F	- 73 F	(10 F	≥ 93 F		Ţ
Dry Bulb							_+	<u>L</u> .																
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STATION

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STATION NAME

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WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 73 14.25.26 77.28 29.30 ± 31 D.8. W.8. Dry · 41 77 T ÷ • ^ 1 / 13 4, _? Element (X) 7637 14-1 7-778 68747 130-4 5-614 635 +67 F +73 F +3.0 43.5 Rel. Hum. 44433 65.9 3.414 27654 40.510.263 Wet Bulb Dew Point

HAE CETHATCLUSY BRANCH SETAC AL FATHER SERVICEZMAC

STATION STATION

STATION NAME

PSYCHROMETRIC SUMMARY

1516-2000 Hours (C. S. F.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.20 23.74 25.26 27.28 29.30 .31 /13? /10? 7i --.1 3. .1 %.5 <u>ृत्</u> ५.६ 2/1/1 : 5 उर वर्ष g 7 1 2.1 2.4 6.5 3 1 > 2.7 1.6 7 7; 18. . 6 8/ 37 22 • 4 • 1 . 4 1 3 7 , 77 1/ 7" 71 1 67 ·-5 178 174 Ą 17 1 57 5 / 55 1.5 47.53 27 1 44 32 4 / 45 76 147 53 46 50 Mean No. of Hours with Temperature Total Dry Bulb Wet Bulb

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ğ 0.26.5

TAL CLIMATOLOGY PARNO Petad Petatorik Seyviotapa

STATION		STATION NAME						EARS		+ A 5°		MONTH おうしータ「() HOURS (L. S. T.)
Temp.			T BULB	TEMPERATU	RE DEPRESSIO	N (F)		- ;		TOTAL		OTAL
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8 9 - 1	0 11 - 12	13 - 14 15 -	16 17 - 18 19 -	20 21 - 22 23	24 - 25 - 2	6 27 - 28 29	30 + 31	J.5. W.B. D	ry Sulb We	
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ement (X)	Z _X ,	2 2	¥ -	0 400	No. Obs.					th Temperatur		Tarel
Num.	234573 6270030			8.689	677	- 1 O.F.	1 32 F	93.0	93.0	92.5	• 93 F	Total
y Bulb	2785213			3.466	677	+	 	18.7	1.9			· •
20.0	1181365			10.086	677		21.4			- 4	 _	7

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STATION STATION NA

															HOURS
Temp.	<u> </u>	.,	WET BULB	TEMPERAT	URE DEPRE	SSION	F)						TOTAL		TOTAL
(F)	0 1-2	3 - 4 5 - 6 - 7 - 8 9	- 10 11 - 12	13 - 14 15	16 17 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 28					Wet Bulb
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- 7 - 53 -	 			<u> </u>				-, · 7	1.6	1.2 3.0		3.7	$-\frac{74}{112}$	76	
8				• :			1.0	. 9			4.1	1.9	91	91	
17 47							1.0	1.3		-		***	36	- 68	
. / 25					•1	.,	.7			1.7		• 1	8.5	Ło	
7.53	• • •		** * *			1.0	. 4	1.3	1.5		1		· <u>51</u> -	51	
1 43			• .	- 1		1.5		1.0	2.1	• 7			47	44	
777			• 1		· · · · · · · · · · · · · · · · · · ·	• 1		∵ - ₹				-	14	14	
7 / 77			. 1.		.6 .3	• 1	• 1	• 1					. 1	21	Z
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Element (X)	2 x'	2 %	T	•	No. Ob								h Tomperat		
Rel. Hum.	·		 				10	F	± 32 F	≥ 67	F	• 73 F	> 80 F	→ 93 F	
Dry Bulb			+	 	 	+				+	_		-	 -	-+
Wet Bulb Dew Point	ļ		+	 	+					+	+		 	+	
DOW POINT				1	1			1					l		

L TAL CLIMATALOGY THANCH PSYCHROMETRIC SUMMARY AL JEATHER SENTICE /FAC 4 (35.5) AIBA A TOLAS HARTER WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30: *31 177 AM 0-26-5 (OLA) Mean No. of Hours with Timpersture + 67 F = 73 F > 80 F Element (X) . 80 F 14462 21.312.291 60246 88.5 5.564 41853 62.0 3.677 675 681 675 4041:4 5350834 : 32 F • 93 F Rel. Hum 92.7 93 Dry Bulb 2604187 Wet Bulb 93 93

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HERAL CLIMATOLOGY PHANCH I AFETNO **PSYCHROMETRIC SUMMARY** CATHER SERVICE MAC HITAPH TA SIL AFABIA ALL WET BULB TEMPERATURE DEPRESSION (F (F) 7.6 9.10 11.12 13.14.15.16 17.18 19.20 21.22 23.24 25.26 27 28 29.30 = 31 12/111 65 107 111 -/1/1 711 737 312 334 336 • 0 300 34: 7 / 77 7777 .6 11.6 105 10 7/ 7/ 117 117 69 . 1 3.3 33 294 26 532 629 1066 6 B å 8 1 130 1 57 533 149 5 / 55 4/ 57 317 263 126 2.14 77-न 221 -7 47 300 4 / 4: 643 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb

0-26-5 (OL A)

PSYCHROMETRIC SUMMARY CAT IS SEE ICH / TAC THAILM TRIGHT ANALTA Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . . 31 D.B. W.B. Dry Bulb 4/ 42 (24 34: 34? 1/3 7 / 35 3 / 73 335 31 · 214 206 18 56 2/ 21 . 1 11 BEVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE 1 / 13 17 11 0-26-5 (OL A) 10 H Mean Na of Hours with Temperature -67 F -73 F -60 F -93 F 740-0 722-5 623-0 311-0 ZX 5413 Rel. Hum. Total 744 44333331 339091 62.7 4.520 227620 42.1 9.949 21364241 5410 Wer Bulb Dew Peint 10112270

SEPARE TETMATOROGY TRANCH C SELTAG PSYCHROMETRIC SUMMARY A. . ATATIER SERVICE /HAC ATERIA I JUSS PLAYE STATION 1000-0765 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16-17-18 19-20-21-22 23-24 25-26 27-28 29-30 x 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 1 97 • 7 1• 3 1• · • 1• 0 2• 9 ... / 3-1/ 95 • 2 1•3 2•3 2•7 3•5
• 3 1•0 2•4 4•8 4•2
• 2 2•1 5•2 6•7 3•1 7 91 : 5 C 51 2-•2 •4 2•4 c•2 5•5 1•9 •6 1•3 4•0 5•6 4•5 •2 116 1 0 1/ 07 .6 2.9 3.1 2.7 7 / 77 5 / 6/ 27 35 47 65 7 51 142 5 7 55 47.53 . / 47 4 7 BC 1 .47 43 रहर की 1 / 35 33 / 31

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Mean No. of Hours with Temperature

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Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dow Point Z×,

- PAL CLIMATCLOSS GRAVEH PSYCHROMETRIC SUMMARY AT REAT OF SERVICEINAS . 39.5 WIYAUR SAJUT ARABIA 7070-0707 HOURS (C. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16 17.18:19.20:21.22 23.24.25.26 27.28 29.30 b 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2 / 25 27 21 11 1. 1/1 ì 1.0 2.4 1.315.62/.426.919. (O F A) 0.26-5 Mean No. of Hours with Temperature

± 67 F = 273 F = 80 F

90 a 0 = 90 a 0 88 a 3 Element (X) No. Obs. 15.9 5.019 87.4 3.979 59.3 3.409 34.8 8.258 171667 Rel. Hum. 4767712 54444 Dry Bulb 36741 625 2184455 9.7 Wer Bulb 21578 703198 620 Dew Paint

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A PAL CLIMATOLOGY KRANCH FETAC **PSYCHROMETRIC SUMMARY** ALL SEATOFF SERVICE /MAC PTYADE SAIUT ASABTA 1376-9500 HOURS IE. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 /103 2/1/1 -7 77 51 7. 7 21 9d/ 27 $\begin{array}{c} 3 \cdot 3 & 1 \cdot \\ \hline 2 \cdot 2 & 1 \cdot \end{array}$ -7 - - 1.4 2.5 4.4 1.2.210.912.0 3.2 2.7 2.4 1.3 .7 ./ E. $\frac{3\cdot3}{3}$. / 81 170 . , 7 47 77 7 37 - 167 57 55 41 63 1 59 7 57 5 / 55 47 53 Ť, - / 47 24 4 / 47 14/ 43 127 41 41 4 / 3 3 / 37 Rel. Hum. 1 32 F Dry Bulb Wet Bulb Dew Paint

JELLAN CHIMATONOSA (KALIOR KINTATA PSYCHROMETRIC SUMMARY A . . LEAT IS A SERVIC , /MAG ATHASA IS AS HUAYIC STATION NAME 200-<u>3500</u> WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 7-8 9-10 11-12 13-14 15-16 17-18 19-20-21-22 23-24 25-26 27-28 29-30 +31 7 31 1 -14. 21 7.13 i 1 1 / 1 717 7.11 634 MEVICUS 0.26-5 (OLA) Element (X) No. Obs. 25J°66 4437791 11994 18.9 6.153 53761 83.4 4.153 36836 58.1 3.745 634 636 90.0 Dry Bulb 2149086 534 Wet Bulb 22699 860355 35.8 8.678 634

LU AL CLIMATOLOGY HAR ICH E LEZTAC PSYCHROMETRIC SUMMARY ALL APATHER SERVICEZHAC TO YELLH SENDY ALANZA (_0-0-0 7-8 9-10 11-12 13-14-15-16-17-18 19-20 21-22 23 24 25 26 27 28 29-30 +31 1 97 17 -, 3 0-26-5 (OL A) 6 11 3 / 31 7 35 45 Element (X) Mean No. of Hours with Temperature Wet Bulb

L HAE CEIMAIDEOGY HEANCH LETAC PSYCHROMETRIC SUMMARY CEAT THE SECULO THAT PITALH SAILT A-ALLA MONTH ---STATION 2.5 WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 27 23 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin L -ું જ 1.11 7.13 1 2 2 Element (X) Z X Ne. Obs. 11774 54277 *67 F *73 F *80 F 40.0 84.6 75.4 244144 633 541 Rel. Hum, 18.5 6.481 84.7 4.875 58.7 3.765 Dry Bulb 2206227 37441 636 et Wet Bulb 23008 Dew Point

POEM ARE OBSOLETE

MYSED MEYIOUS EDITIONS OF

(OL A)

0.26.5

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PSYCHROMETRIC SUMMARY STATES STEPPED 19AC A CONTRACTOR STATION NAME HOURS . . S. T WET BULB TEMPERATURE DEPRESSION (F. 7 - 8 9 - 10 11 - 12 13 14 15 - 16 17 - 18 '9 - 20 21 - 22 23 24 25 - 26 27 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Po . 1. 5 1. 5 : <u>1</u>

BEYSED PREVIOUS EDITIONS OF THIS RUBIN ARE OBSUMETE

Dry Bulb Wet Bulb

PSYCHROMETRIC SUMMARY

STATION		STAT	ION NAME	· · · ·			, 5.				YEARS						M)H"H
															• • • •		HOURS	
Temp.			W	ET BUL	B TEMPE	RATURE	DEPRESS	10H F		· · · · · · · · · · · · · · · · · · ·				TOT			TOTAL	
(F) 0	1 - 2 3 -	4 5 6 7	8 9 1	10 11	12 13 - 14	i5 16	17 - 16 19	2 0[2]	22 23	4 25	26 27	28 29	30 + 31	D.B.	W.B. Dr.	Buib	Wet Bulb	Dew P
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lel. Hum.	11 171	, 	होता ।	ıî.			654	•	. 0 F	. 31	£	6 67 F	₹ 73 F	·	O F	• 93 F	•	Total
Pry Bulb	<u> </u>	77 TE	6747	97.			334	•		•	-	, T. T.	48.E	4	<u>, n</u>	7-	3	
Ver Bulb	272632		3123		r '3.3		684	• •		-	٠.	12.2	• 6					5
Dew Point	9057	ुव ं च	4735	35.	3 F. 8	Z T T -	674	*		35.	1		•				+	

STITTAL CLIMATELOSY REALCH DEACETAC ATE HEATTLE SERVICE KARC **PSYCHROMETRIC SUMMARY** 4 4 3 3 2 ATMANA TUCKS HOLAYER STATION STATION NAME 1 200 - 141 7 HOURS ILL S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Poin 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 /11: 7113 · 6 . 1 12/111 1 /10: 10.2 14. .120.2 .117.0 7101 1.3 1.3 71.17 11 ε 11 - \bullet 1 2/101 .311.5 1 -77 36 12.1 37 97 $\frac{\cdot !}{\cdot 7} \frac{1 \cdot ?}{1 \cdot 1}$ 4/ 75 BEVISED MENIOUS EDITIONS OF THIS FORM ARE DISCUETE 777 1 61 -7-87 5/5 47 53 . / · 1 7.57 6 11 $\frac{\frac{1}{1}}{\frac{1}{3}}$ 7 4 7 . / 47 7 4 147 43 0.26-5 (OL A) 127 41 3 / 37 <u>, 4</u> 1 / 35 347 33 56 ٤5 S/ 31 Element (X) Mean No. of Hours with Temperature - 80 F • 93 F Dry Bulb Wet Bulb

C. C.

CONSTAL COIMATOLOGY SHAFOR CONSTAC **PSYCHROMETRIC SUMMARY** 3 AT LEAT TR SENSIOS WAS FIYALF SAULT AFAUTA WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 4 -23 1 1 1 4 / 1 7.73 (OL A) 0.26-5 2 Z Z_X X ",
618° 9.1 3.657
71675 104.5 3.715
44680 65.4 2.903
23787 34.1 9.155 Element (X) Mean No. of Hours with Temperature .67 F .73 F .80 F 90.0 90.0 90.0 7520139 683 684 • 93 F 90 • 0 Rel. Hum. 40 Dry Bulb 2928593 683 Wet Bulb 683 39.4 Dew Point

C. L.

STOCAL CLIMATOLOGY -- 4GCH PSYCHROMETRIC SUMMARY A . SEAT OF SERVICE MAC 4 4 75 3 ALBANK TOPIGE HERE STATION 1,70-17.7 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 70 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 23 D.B. W.B. Dry Builb Wer Builb Dew Point 1 /11: 7113 157111 1 710 1: .3 .415.0 $\frac{125}{175} - \frac{126}{127}$ $\frac{72}{72} - \frac{72}{72}$ 710% 1113 2/171 77 - 3 :/ 97 5/ 71 ./ 0 -7 35 0 / 67 67 45 41 53 1 5,9 -/ 53 4 / 45 14/ 43 35 2/ 41 44 5.8 61 3-/ 13 49 7/31 56 Element (X) Dry Bulb Wet Bulb Dew Point

LE PAL CLIMATOLOGY HAARCH HIETAC ALS HEATHE SERVIC ZMAC

PSYCHROMETRIC SUMMARY

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STATION	STATION NAME		YEARS		MONTH
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Element (X)	2 x .	3235	2 x 5619	X	7 192	No. Obs.	<u> </u>	···		of Hours wid			· · · <u></u> -
Rel. Hum.		1442	72794	106.4	3.192	682 684	10F	± 32 F	90.0	± 73 F	90.0	90.3	Total
Dry Bulb		549	44829	65.7		682				L	70.0	70.0	\$ J
Wer Bulb		746	72512		7.280	682	 	92.1	32.7	1.8		<u> </u>	90
Dow Point	90,	170	26276	33613	70200	992	1	72.1		i	i	i	97

3 - PETAC AT REATER SERVICEMANCH

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PSYCHROMETRIC SUMMARY

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Element (X)		Z x'		-+		Zx		¥		•	No. (Obs.	┯			Mod	n No.	of Hours wit	h Tempera	ture		
tel. Hum.									-					0 F	= 32 F		67 F	≥ 73 F	- 80 F		F	Total
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6.4.																						

0.26-5 (OL A) REVISED MEVICUS EDITIONS OF THIS FORM ARE OBSOLETE

SAFETAC NOW 0.26-5 (OLA)

SELECTIMATOLOGY SKANCH SESETAC 3 PSYCHROMETRIC SUMMARY A - SEAT IER SERVICE MAC FIYADH SA HEL AHAU!A Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20-21-22 23-24 25-26 27-28-29-30 #31 D.B. W.B. Dry Bulb / 31 34 19 1 7 171 111 1 / 11 1 HEVISED MEVIOUS EDITIONS OF 10 0.26-5 (OLA) Mean No. of Hours with Temperature + 67 F = 73 F + 80 F → □ □ □ □ □ □ □ □ □ □ No. Obs. USAFETAC 735.21 647 • 80 F • 93 F อธรรีธรร์ दत Dry Bulb 91263 63.8 3.181 21498 33.2 9.420 2638123 647 40 Wet Bulb 647 43.3 771748 7.

USAFETAC NOW 0.26-5 (O.L.A) REVISORITIONS IDPIDITS ON THIS FORM ARE ORDUSTED

TE MAL CLIMATCLOUM SHANCH STATAC A. H. SEATSER SERVICEZMAS

PSYCHROMETRIC SUMMARY

Temp. (F) 0 /107 2/101 3/ 0	1-2 3-4	\$7ATION NAME	WET BULB 1	TEMPERAT: 13 - 14 - 15 -	URE DEPR 16 17 - 11	ESSION 3 19 - 20	21 - 22 2	3 24 2	• 2		-11.2 -413. -713.9 -310.3	76 1 0 1 4 116 *1		MONTY 21 C - 23 HOURS (L.S. TOTAL Wes Buth Dew
(F) 0 /107 /101 /107 /101 /107 /101 /101 /10	3-2 3-4	5-6 7-8 9-	WET BULB 1	TEMPERATI 13 . 14 .15 .	URE DEPR	ESSION 19 20	21 - 22 2	• 2	• 2 • 3 1 • 1 • 1	•2 •2 •7 •7 6 1•4 1 •5	.713.9 -713.9 -713.9 -713.9	0.8. W.8. 2 6 .3 76 1 0 1 9 116 +1 42	6 75 106 107 117 -1 43 -22	Ver Buth Dew
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HAL CLIMATOLOGY NEASON **PSYCHROMETRIC SUMMARY** THE STATE OF SERVICE MAC 4 4351 TIVA, SA JUL AFAELA STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 7 - 8 9 - 10 | 11 - 12 | 3 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 - 23 | D.B./W.B. Dry Bulb Wet Bulb Dew 1 31 3 4 1 / 17 jQ 1 / 11 | Mean No. of Hours with Temperature | +67 F | +73 F | +80 F | +93 F | 9∏ • 0 | 9∏ • 0 | 51 • 2 No. Obs. Element (X) 119585 5519495 634 8229 59199 5 J Dry Bulb 61.1 3.332 34.3 8.664 2371635 38719 634 زه Wet Bulb 792850 21738

FOLMARI OBSOLETE

US PAU CLIMATOLOGY DYBRON DESCRIPTION SERVICEZMAC

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PSYCHROMETRIC SUMMARY

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AL CLIMATOLOSY STAC **PSYCHROMETRIC SUMMARY** WEST OF SEPTICEMENT ATGASE TOTAS HOARS WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5-6 7.8 9.10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 #31 D.B. W.B. Dry 1 / 4 47 43 3 1 71 4 4 357 1 33 311 342 279 1 1 167 7 9 3.A 2.k 17 11 18 REVISED MEYICOUS EDITIONS OF 3 ģ 0.26.5 122 Element (X) USAFETAC 67 F +72 F +80 F 72 3-0 719 - 691-4 105-6 5-7 63:32 13. 6.16A 408 58 95. 7.37A 323632 62.0 4.354 180455 34.6 2.944 1048849 Rel. Hum. 47751798 20155991 5222 Wet Bulb 6653565 Dem Point

DE PAR CLIMATTURDY PASCH CLITETAC PSYCHROMETRIC SUMMARY LEAT EN SELVICE PHACE TARA SALUI ASIA 7-84 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16 17 18 .9 20 21 .22 23.24 25.26 27 28 29.30: e.31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 17 92 71 ¥ j 11' / a. 3 1.5 1.4 0.7 5 5 6 6 6 5 2 2.4 4.5 3.5 2 2.3 2.6 5 6 1.7 3 3 3 5 6 124 31 37 117 11: 42 47 77 . 1 15 27 51 7 4 13 <u>. 1</u> 41 42 4 (. 7 7 37 1 35 3 7 33 · Element (X) 1 32 F Rel. Hum. Dry Bulb Wet Bulb

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TAS PSYCHROMETRIC SUMMARY STAT THE SERVICE OF AL STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb 7.1 No. Obs. Element (X) Mean No. of Hours with Temperature 245/41 145/41 -254473 767 F 473 F 480 F 493 F 93.0 93.0 92.4 22.0 556 556 Rel. Hum. 2354944 550 Wet Bulb 876233 Dew Point

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PSYCHROMETRIC SUMMARY

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ry Bulb	•		47				764	+ 65	6.6	4.6	37		673	•	. 0 :	37		. 67 F	• 73 F 9 3 •		80 F	* 93 F		Total
let Bulb	1		94				355			72.A			671				٠	1.7	•	*	+	:	•	•
ew Point	·		3 3 5	605		7	3226	34	1.6	5.5	74		671	•		34.	5.		• •	٠	•		•-	

SECTAL CELMATRECGY PRANCH PARFTEC PSYCHROMETRIC SUMMARY AT TEAT ES SERVICE MAC 414737 PIYALH SAULT RYABIA STATION STATION NAME HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 3/ 19 र्ग जह ./ : / e . 57 E7 ٠,٠ 67 52 . 1 3 1.2 3 . -3 1.7 4.8 7.4 1.4 1.2 4.5 4.0 2.9 .3 1) ? .1 22 . 1.4 î. 21 . 6 1 77 147 7 1.1 1 1 1 67 E7 45 41 21 7. KT 112 1.39 nous tentions or 7.57 1 5 ں (۔ 4 7 4 . 1 147 43 0.26-5 (OL A) -27 41 49 47 · / ₹4, 3 7 73 71 69 Mean No. of Hours with Temperature Dry Bulb Wet Bulb

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CETAS AC SEAT ER SEAVICEMAN PSYCHROMETRIC SUMMARY WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - a 31 D.B. W.B. Dry Bu 1 1 7 75 1.2. 1 / 1 17.13 0.26-5 (OL A) Element (X) ZX, No. Obs. 16.4 5.213 86.7 4.515 1 6943 662 663 Rel. Hum. 1685 Dry Bulb Wet Bulb 2315879 39095 59.1 3.275 662 3.0 662 Dew Point

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0.26-5 (OL A)

PSYCHROMETRIC SUMMARY

1906-1100 HOURS (C. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15 16 17.18 19.20 21.22 23 24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 17/111 1.710 12 ----1 7 1.5 ŽÍ. 7177 1.127.3 2 : 2:16 <u>•410.7</u> 8.0 g 3 • 711 • 7 7 77 7 57 5 / F5 15 / 47 3.5 4/ 43 ٠ ٦ 31 Element (X) Rel. Hum. Dry Bulb Wet Bulb Dew Point

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PAL ELIMATOLOGY " ANCH **PSYCHROMETRIC SUMMARY** 7 t 7 t C LEAT IF SERVICE / IAC 4 14 (41) - LYBUM SAILT AMADTA TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 74 25 - 26 27 - 28 29 - 30 - 431 D.B. W.B. Dry Bulb 35 7. 1 31 -: 1 -1) 1 4 FORM 0-26-5 (OLA) thristo mirrors tentons of this from all obsuring Mean No. of Hours with Temperature ±67 F = 73 F = 80 F 93 □ 93 □ 93 □ 93 □ 93 □ Element (X) 7976 70717 11.0 4.241 99.9 4.241 63.9 3.045 35.4 7.867 Rel. Hum. 9.3 7676123 89.5 Dry Bulb 2898592 45250 708 Wet Bulb Dew Point 932677 758

TO TAL CITHATCEGGY SHANCH · CETAC PSYCHROMETRIC SUMMARY SEAT-ER SERVICE PHAC 4<u>4</u> 12. 7 AIRARA ILUMAT HULLYIS 1230-1400 HOURS (C. S. T.) DAUE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 7 - 8 9 - 10 - 11 - 12 17 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - # 31 D.B. W.B. Dry Bulb Wer Bulb Dew Poin 1 /11: 1.1 37 /113 12/111 51 21. 1 /15 115+ 117 7107 .123. 110% 17: 71.73 .112.3 8 / 2/151 <u>43</u> 23 01 19 1 97 J/ 93 7 / 77 41 75 7 67 246 47 53 145 1 61 1 57 47 53 4 7 47 11 0.26-5 (OLA) 4 / 45 10 26 3 / 31 c 4 7 7 35 67 75 3-7 33 Element (X) Z X, Mean No. of Hours with Temperature No. Obs. ■ 73 F 10 F 2 32 F Dry Bulb Wet Bulb Dew Point

E FAE CEIMATOLOSY AMANOM NELTAG **PSYCHROMETRIC SUMMARY** A . . RESTOR ? SPRING, MAC REVALUE SAULE A-ARTA WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | 31 / 31 77 υ **6** , E ΞĪ 27 21 1 \$ i I 7.17 ç 71 1 / 13 Tit 0.26-5 (OL A) Element (X) 130122 5811 8.2 3.877 75888 107.0 3.245 707 *47 F *73 F *80 F *93 F 93.0 93.0 93.0 93.0 93 46681 66.0 2.590 3086935 707 93 Wet Bulb 846147 23791 33.7 8.034 707 45.3 9 \$ Dow Point

365

LO AL CLIMATCLOSY TOALCH CONTETAC AT SEATON STRVICE/MAC PSYCHROMETRIC SUMMARY TERAUM SANUT AMABIA 15 L-17; WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17 18 19-20-21-22-23-24-25-26-27-28-29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) /11? /11, 12 - 17 + 1 -/113 S 🔒 ! 12/111 r, q 1 /11 23.7 167 1107 26. •11'•3 7175 1 5 /137 ·6.5-2/101 37.00 1.1 7 67 1 , h <u>: 2</u> 36 0-26-5 (OL A) 40 65 46 Rel. Hum. 1 32 F 10 F Dew Point

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PSYCHROMETRIC SUMMARY

54 84C	31 + 46 6 5 K B I	AMABIA			77-34							JUL
STATION		STATION NAME					YE	ARS				MONTH
										P 4 C E		506-1717 HOURS (L. S. T.)
Temp.			WET BULB	TEMPERATI	RE DEPRESSION	((F)				TOTAL		OTAL
(F)	0 1 - 2 3 - 4 5 -	6 7 - 8 9 -	10 11 - 12	13 - 14 15 -	16 17 - 18 19 - 2	20 - 21 - 22 23	24 25 - 26	27 - 28 29	- 30 × 31	D.B./W.B. D	ry Bulb W	et Bulb Dew Poi
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Element (X) Rel. Hum.	Z g '	\$260	7 .	+	No. Obs.	+		. Meen No. ≥ 67 F	of Hours wiff	= 80 F	* 93 F	Total
Dry Bulb	45206 8314417	76645		2.851	70 0 707	- 10 F	: 32 F	y 3 • D	93.0	93.0	97.0	
Ver Bulb	3072726	46348		2.380	700	4		34.1	2.4	7.3.0	, , , ,	53
Dew Point	783944	72762		7.915	700	+	53.7			 	 	93

PSYCHROMETRIC SUMMARY JE SERVIC /MAG tor ta . 1 APALIA WET BULB TEMPERATURE DEPRESSION (F) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 /112 1. /111 1 /12 11 " 11.1 129 172 11. 15 ुं / उब् च र **ठ**7 1 01 , 3-41 71 7 67 67 55 47 53 167 2 - 5 7 50 1 1 57 u 1 47 4 4 / 45 29 147 43 2/41 39 35 34 Mean No. of Hours with Temperature Element (X) Rel. Hum. 10 F 2 67 F 2 73 F 2 80 F ≥ 93 F ≤ 32 F Dry Bulb Wer Buib Dew Point

0-26-5 (OL A)

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STATION			STATION NAME						··· · · · · · · · · · · · · · · · · ·	E ĀRS		+ \$ y ()	MONTH 16 11-2010 HOURS (L. S. T.)
Temp.			, ,	VET BULB	TEMPERA	TURE DE	PRESSION	F)				TOTAL	TOTAL
(F)	0 1 - 2	3 - 4 5 - 6	7 . 8 9 .	10 11 - 12	2 13 - 14 1	5 - 16 17	- 18 19 - 20	21 - 22 23	24 25 . 20	6 27 - 28 29	- 30 - 31	D.B./W.B. Dry Bu	ib Wet Bulb Dew Po
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lement (X)	ZX,		ZX	¥		N	o. Obs.			Mean No.	of Hours w	ith Temperature	
el. Hum.		412			A 7		593	- 0 F	- 32 F	€ 67 F	≥ 73 F	- 80 F	7 Total
lry Bulb	7311	362	71114	172.8	3.657		642		:	97.0	93.0	93.0 3	• 7
Ver Bulb	286	5993	44433	64.4	2.612		695		····	15.1			91
Dew Point	गाह	1504	22896		7.691		695		46.6		+	†	5

| USAFETAC FORM 0.26-5 (OL.A) REVISED MENTOUS EDITIONS OF THIS FORM ARE DESCRIPTED.

COMAL CLIMATOLOUX SHANCH SPETAG SPATSON SERVICE MAC

DCYC	HPC	MAET	DIC	CHA	MA	DY

STATION	. 1	TIVALIN SAME STATION NAME							77-84						YE ARS		J J L MONTH				
																1765 1		21 15 -2 7 HOURS (L. S. T			
Temp.												ION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	0 11 -	12 13 -	14 15	- 16 17	18 19	- 20 21	22 23	. 24 25 .	26 27 2	8 29 - 1	30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
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I. Hum.										ļ			0 F	. 32	F 6	7 F	⇒ 73 F	- 80 F	• 93 !	1	Total
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et Bulb										i		1		i				[
w Point										T						- · +-					

PSYCHROMETRIC SUMMARY TAL SERVICE AL TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 24 25 - 26 27 - 28 29 - 301 + 31 D.B. W.B. Dry Bulb 771 1756 No. Obs. Element (X) 11.3 3.436 95.3 7.426 61.7 2.577 34.0 6.715 93.0 Rel. Hum. , , 0 5986731 62771 Dry Bulb 2501718 40508 657 Wer Bulb Dew Point

L. A.) REVISED MEVICUS EDITIONS OF THIS FORM ARE OBSCIETE

USAFETAC 104m 0.26-5 (OLA) NIVISE MENOUS E

 $\gamma_1\in T\in C$ PSYCHROMETRIC SUMMARY A CONTACT OF SERVICE/MAC STATION STATION TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 22 23 - 24 25 26 27 28 29 - 30 - # 31 D.B. W.B. Dry Bulb Wet Bulb Dew Pour /117 7116 7117 1.7111 31 . 447 44 • 1 112 3 + 1771 1 32. 557 31 %

REVISED MEVIOUS EDITIONS OF THIS NORM ARE ORSCIETE 0-26-5 (OL A)

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AL CLIMATOLOGY PRANCE

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Rel. Hum.

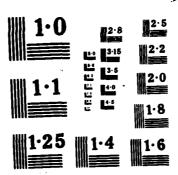
Dry Bulb Wet Buib

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PSYCHROMETRIC SUMMARY

STATION	_			133		ON HAME				'-	- 3 4 -				YEARS		** *		-		HOURS	SHTH
Temp.						 ,	VET BU	LB TEM	PERAT	URE DEP	RESSIO	n F						TOT	AL		TOTAL	
(F)	0	1 - 2	3 ·	4 5	6 7	8 9.	10 11	'2 13	14 15	- 16 17 -	18 19	26 21	22 23	24_25	26 27	28 29	30 - 31	D.B.	W.B. Dry	Bulb W	er Bulb	يا
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Dry Bulb Wet Bulb		2139				374R			· / 3 7		451	٠		•	٠, ١	7.8	7.		- 1 4		+	
Dew Paint			909			700	34		532		451	•		737.		• • • •	. • .• :		+			

56 RIYADH SAUDÍ ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS...U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A... JUN 85 AD A159 667 JUN 85 F/G 4/2 USAFETAC/DS-85/024 UNCLASSIFIED NL



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GERSAL CLIMATOLOGY PRANCH STAFETAC **PSYCHROMETRIC SUMMARY** AT LEATHER SERVICE MAC AIBANA TOUA? HCAYIS FASE 1 WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11-12 13-14:15-16 17-18 19-20:21-22:23-24:25-26:27-28:29-30 = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point 2/101 97 17 26 4/ 93 1 91 .6 2.4 9.7 1.0 .3 7.0 9.2 .3 2.4 9.5 6.5 125 121 8/ 97 35 1.1 4/ 83 .6 2.5 7.8 .8 1.0 4.5 2.1 4; 5/ 65 4/ 55 30 .7 31 132 57 172 1 5 / 55 47 55 2 1 / 47 13 .4/ 43 127 41 42 4./ 3% 50 1. / 35 · 91 ã 87 12/ 31 0.36.5 5.4 7.7 75 Ret. Hum. 1 0 F 2 32 F Dry Bulb

CEUMAL CLIMATOLOGY GRANCH CONTETAC PSYCHROMETRIC SUMMARY A " " "EATHER SERVICE /MAG 4 438 F RIVAGH SACLT ARABIA HOURS (E. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 | 0.6./W.B. Dry Bulb | Wet Bulb | Dew Point 2/ 21 1 / 17 1-/ 15 736 1 0.26-5 (OLA) No. Obs. Element (X) Mean No. of Hours with Temperature USAFETAC 148683 9399 55357 14.9 3.621 88.0 3.733 629 ≥ 67 F ≥ 73 F > 80 F Rel. Hum Dry Bulb 93.0 93.3 93 2209023 37241 \$9.2 2.557 629 1.0 Wet Bulb 93 21600 34.3 5.697 Dew Point 762134 629 38.1

DI MAL CLIMATOLOGY SRANCH DATER **PSYCHROMETRIC SUMMARY** 115 LEATHER SERVICE/MAC H HART PIYAUH SAUDI ARABIA STATION 1300-050 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8 W. 8 - Dry Bulb Wet Bulb Dew Poin 32/191 1/ 97 6/ 95 4/ 93 11 11 7 3 7 54 • 1 •1 •1 1•3 5•6 2•1 • 3 •1 1•5 4•2 6•9 1•9 • 1 •3 1•610•5 7•4 •1 5 1•6 5•516•8 4•3 •3 3/ 87 65 0/ 85 117 116 4/ 41 6.1 105 145 174 • • • 2 • 7 3 • 4 • • • 6 1 • 5 • 1 7 7 77 11 75 1 69 5. 7 67 د 6/ 65 4/ 63 23 O/ 61 31 .:/ 57 5 7 55 4 47.53 2/51 1 4-7-45 19 :4/ 43 42/ 41 44 3-/ 37 75 132 90 Element (X) ±67 F = 73 F = 80 F Rel. Hum. # 32 F Dry Bulb Wet Bulb Dew Peint

SELEAL CLIMATPLOGY EXANCH SAFETAC PSYCHROMETRIC SUMMARY A - REATHER SERVICE MAL 4 438F HITAUH SAHET AVADIA - 300-0500 HOURS (C. S. 7.) FLOF WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 67 / 25 14 7 25 27 21 1736 \$ okouene 1 monau 0-26-5 (OL A 2 3 2 3 Element (X) No. Obs. Mean No. of Hours with Temperature USAFETAC 220014 4791889 673 11810 17.5 4.359 → 80 F Rel. Hum. ± 67 F = 73 F 93.0 Dry Bulb 97.0 83.3 2265891 39007 58.0 2.728 673 93 Wet Bulb . 6 847598 23570 35.0 5.738 673 Ģŧ Dew Point

3 UNAPETAC ATT PERFECT PRANCE

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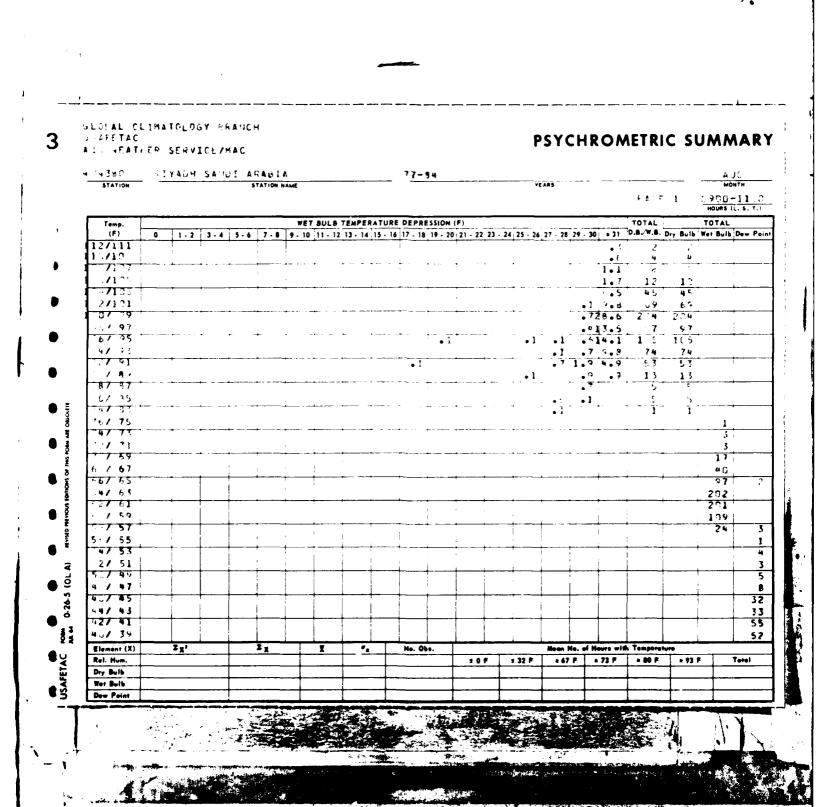
PSYCHROMETRIC SUMMARY

																	: 15F	i 	HOURS (
Temp.								TEMPERA									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 -1	5 - 16 17	- 16 19 -	20 21 - 22	23 - 2	4 . 25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew P
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St. CAL CLIMATOLOGY GHANCH TAC PSYCHROMETRIC SUMMARY ATT PEATIER SPRVICE /HAC 4 4363 PIYADH SAUUT ARASIA 590-0F(C PASE ? WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew 1 25 2/ 21 17.17 115 Element (X) No. Obs. Mean No. of Hours with Temperature 206063 1113° 54639 267 F 643 Rel. Hum. 93.0 80.8 **\$3** Dry Bulb 56.0 2.780 34.9 5.711 2169753 37309 ¥? 643 Wet Bulb Dew Paint



GLUPAL CLIMATOLOGY HRANCH CLIFETAC **PSYCHROMETRIC SUMMARY** AL AFATOR SERVICEZHAC 4 ...4 340 HIVAUH SA IUI AFABIA MONTH F 530-11.0 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 35 3 / 33 ./ 31 ., 7 111 <u>.</u> 2 1 / 27 1 2 1 77 71 1/1: F-7 13 0.26-5 (OL A) Element (X) No. Obs 101025 5652819 11.6 3.469 97.6 4.724 697 Ç₹ 68729 Dry Bulb 62.9 2.760 35.4 6.400 93 2764291 43853 697 Wet Bulb 34.5 903534 24696 Dow Paint

PAR CLIMATOLOGY EXANCH DATERIC **PSYCHROMETRIC SUMMARY** AFATHER SERVICE /MAC 1300 HIYAUH SA WI ARASIA STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 /115 /112 17/111 10 1 /17 b 3 1 u 7 1 s 2 1 u ? 1.0 14.5 1141 2/1-1 116 171 7 55 -1 5K 227 47 61 17 61 245 1 44 1:5 47 57 4-7-47 4 / 47 3 " :4/ 43 ·27 41 477 Element (X) Mean No. of Hours with Temperature Rel. Hum. : 32 F ≥ 67 F = 73 F = 80 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

AL SEAT OF SERVICE MAC FIRADM SAULT AMARIA MONTH 12 6-14 3 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 22 23 24 25 - 26 27 - 28 29 - 30 + 31 0.8 W.B. Dry Bulb Wet Bulb Dew Poin 74 117 27 31 £ 0 4.7 2 4 717 1 / 13 0-26-5 (OL A) Mean No. of House with Temperature

2 67 F = 23 F = 80 F

9 3 o O = 9 3 o O = 9 5 o O Element (X) 61°41 7632263 Rel. Hum. 692 63 Dry Bulb 2964901 691 Wer Bulb 849764 Dew Point

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PSYCHROMETRIC SUMMARY

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NAM 0.26-5 (OLA) ITENSE MEYKOUS FORTONS OF THIS KNAM ARE OF

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BLIGAL CLIMATOLOGY RRANCH U TETAC A T LEATHER SERVICE MAC PSYCHROMETRIC SUMMARY HIYADH SAUUT AGASTA 77-84 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 16 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | e 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point /11: • i /13 77.77 11.75 ۶, ی 1133 •11°•4 1 6 1.6 /1 //1:11 / ~9 123 • 31 • 3 215 21% 1 97 57 35 72 35 77 .110.4 5.3 4/ 3 .3 2 . . <u>c 1</u> 1 8 4 3/ 47 14/ 73 77 71 1 59 F / 67 5/ 65 41 53 2 3 3 1 51 165 7 50 / 57 .7 55 21 51 3 1 / 47 4 / 45 1 14/ 43 <u>.</u> 7 12/ 41 õ 3 **2** 4 / 3 . 43 (/ 35 5 377 33 1.6 12 2/ 31 11.7 Element (X) Mean No. of Hours with Temperature Rel. Hum. 1 32 F Dry Bulb Wet Bulb Dow Point

C.

DEFRAL CLIMATOLOGY TRANCH **PSYCHROMETRIC SUMMARY** . SIFTAC ALS REATIFR SERVICEVHAC 4 14 350 NEVAL - SATUT ARABIA STATION MONTH STATION NAME HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb . , . , 2 ' 2 / 27 11 זי 11 PORM ARE ORSOLFTE MENOUS 0.26-5 (OLA) No. Obs. Mean No. of Hours with Temperature Element (X) 71583 6498252 6733 9.9 2.716 69238 100.9 3.832 ≥ 67 F ≥ 73 F - 80 F - 93 F Rel. Hum 686 93.0 93.0 Dry Bulb 2783057 43501 63.9 2.513 Wet Bulb 43 23252 681 Do- Point

UE MAL CUIMATOLOGY PRANCH CNAMETAC **PSYCHROMETRIC SUMMARY** A " - FAT IER SERVICE/MAC 4 4335 -IYADH SAUDI ARAGIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 - 8 9 . 10 | 11 . 12 13 . 14 . 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | # 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) /17/ 1173 2/1/1 U/ 99 .640.0 1/ 97 52 52 6/ 05 47 93 .9 1.517.5 131 / 91 1.1 4.3 6.0 4/ 43 / 11 10 6 / 67 6/ 55 35 29 221 1 50 7 57 5. / 55 ξ. . / 47 4 / 45 25 4/ 43 727 41 4 / 3/ 3:7 37 5 3 347 33 :27 31 Element (X) Mean No. of Hours with Temperature Dry Bulb Wet Bulb Dew Point

CD.

SURPAL CLIMATCLOGY DHANCH STATETAC PSYCHROMETRIC SUMMARY A . - LEAT ER SERVICE /MAL Aldare funas <u>Heatle</u> 4 +36.3 71 74-23.7 HOURS (C.S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | a 31 | D.B./W.B. Dry Bulb Wer Bulb Daw Poin 7-1-21 2/ 21 1 / 1 POEM ARE 0.26-5 (OL A) No. Obs. 8312 12.8 3.306 6068 93.3 3.632 39599 61.2 2.590 22520 34.6 6.100 647 650 93.0 93.0 93.0 Dry Bulb 93 2427951 647 Wet Builb 93 837484

SE "AL CLIMATOLOGY SHANCH SAFETAC PSYCHROMETRIC SUMMARY A TH LEATHER SERVICE /MAC 4580 RESTAUM SAUDE ARABIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28.29.30 *31 D.B./W.B. Dry Bulb 1 /115 ./113 ė. '• 69 12/111 1.3 1 /10 -198 198 1177 37€ 7155 344 395 425 372 571 372 567 27131 \Im 77 79 .210.3 1 97 0/ 95 7 C F 3 5 41 22 91 • 0 354 37 • 0 2.3 67 85 • 7 1•1 3•2 • 4 2•5 2•5 • 0 3.2 1.5 342 47 33 321 1.5 4.5 1.2 • 6 ./ 41 43 103 7 / 77 74/ 73 777 44 1 / 54 134 374 615 47 63 1557 7 M 51 0-26-5 (OL A) 6 1 57 67E 325 16 25 20 4/ 53 99 27 51 51 4 , 34 Element (X) Ret. Hum. Dry Bulb Wet Bulb Dew Paint

St. PAL CLIMATOLOGY PRANCH STETAC PSYCHROMETRIC SUMMARY ATH HEATHER SERVICE CHAL STRADH SAUGI ADAGIA 4 4500 14.1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 4 / 45 213 145 3 3 47 43 027 41 5. 1 45.9 3 / 37 7 35 3 / 33 723 774 4 : 3 644 1 25 1 - 4 79 4/ 21 54 11: 171 ·F356 7 % No. Obs. Element (X) 67239 12.6 4.911 511466 95.2 9.178 331452 61.9 3.932 134923 34.5 6.336 973255 67239 5356 5371 744.0 744.0 722.8 441.7 2 67 F 2 73 F 2 80 F 2 93 F Rel. Hum. 40157868 744 Dry Bulb 20594462 5356 2.6 80.0 744 Wet Bulb 6599707 307.7 5356 744 Dew Point

0-26-5 (OLA)

HOMEN YEOLOTAMIS OF ANCH **PSYCHROMETRIC SUMMARY** ATH REATHER SERVICE/MAC 4340 PIYAUH SAHDI APABIA TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5-6 7.8 9.10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 97 0/ 95 37 . 7 71 7.69 7 67 5/ 05 10 1 59 171 215 7 57 1/ 53 21 91 127 41 0.26-5 Ģ B 317 33 79 Rel. Hum. Dry Bulb

JE MAL CLIMATOLOGY MAANCH PSYCHROMETRIC SUMMARY A CO FEATHER SERVICE MAG 4 7-367 ATERNA SAULT ARABIA Temp. (F) D.B. W.B. Dry Bulb Wer Bulb De WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1.53 1 0-26-5 (OL A) 215017 Rel. Hum. 647 647 . 67 F - 73 F - 80 F Dry Bulb 2172102 37454 57.9 2.469 Wet Bulb 647 Dow Point 22356 34.6 5.544 647 ...

CERPAL CLIMATOLOGY RRANCH CLEAFETAC ATALKEATHER SERVIC, MAC PSYCHROMETRIC SUMMARY 4 4367 TYACH SANDT BHAGIA

Dew Point

374-05(1 HOURS (L. S. T.)

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LOAL CLIMATOLOGY TRANCH **PSYCHROMETRIC SUMMARY** *CATHER SERVICE /MAG , # S 13 PIVALH SABUT ARABIA STATION 376 - .. 50 m WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Builb Wer Builb Dew Poi 1 23 / 1 REVISED MEVIOUS EDITIONS OF THIS FORM ARE OBSCIETE ã õ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature : 32 F 12756 20.3 5.615 80.2 3.965 56.6 2.711 628 630 278877 4061112 Rel. Hum. ≥ 67 F = 73 F . 80 F Dry Bulb 88.4 93.0 2014203 35525 628 Wet Bulb 803470

OF PAR CLIMATOLOGY RRANCH B AFETAC ACCUSED SERVICENTAGE

PSYCHROMETRIC SUMMARY

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Temp.						WI	ET BULE	BTEMP	ERAT	URE D	EPRESS	ON (F) 						TOTAL		TOTAL	
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Rel. Num.	+ -							+					20		± 32 F		7 F	: /3 +	> 50 P	+ * *3		
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Dow Point	L							i				1		- 1		i				1 .	i	

JA NAL CLIMATOLOGY MAANUE PSYCHROMETRIC SUMMARY A SEAT OF SE VICE MAL ATHANA TURAP HOAYES MONTH ິ່ງ ີໄປ = ປ່່ HOURS ((. S. T TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - e 31 D.B. W.B. Dry Builb Wet Builb Dew Po (F) 1.1 1.11 . 721.323.721.91 .6 S FORM ARE DESCRETE MEVIOUS B 0.26-5 (OLA) Z_X X x x x 1317° 21.0 6.227 5.235 79.9 4.45 35503 56.6 2.879 2244° 35.7 5.828 Element (X) No. Obs. 629 629 3004-5 40244-5 Rel. Hum. Dry Bulb 2018163 629 Wet Bulb 822537 Dew Point

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TELMAL CLIMATOLICATION CH A LTAC PSYCHROMETRIC SUMMARY A SEATHER SERVICE IMAC 4 HARD - STRUB CARUL SEAGLA STATION WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 2 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 70 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Po (F) /101 -/101 ž 1 .411.1 £1 95 4/0. 9.4 - 4 .1 1.2 6.0 7.1 .4 1.2 6.3 3.0 1 50 11 MORN 0-26-5 (OLA) 3 m 67 : 5 Element (X) USAFETAC Dry Bulb Wet Bulb Dew Point

PAR OF THE TORON OF ANOTHER PSYCHROMETRIC SUMMARY STATE OF SERVED MAC TANER TATUE TRAVER WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 13 - 14 - 5 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 73 - 24 - 25 - 26 - 27 - 28 - 29 - 30 | a - 31 | D.B. W.B. Dry Bulb NOEM 0.26-5 (OL A) 2x x x x x 24.93 252474 93.7 4.957 41276 61.9 2.526 2.526 2.526 USAFETAC 145526 536754 Dry Bulb 25=6534 657 Wet Bulb Dew Paint

IN TAL CLIMATOLOGY BRANCH IN AFETAC **PSYCHROMETRIC SUMMARY** AT CLEATHER SERVICE /PAC 4 4350 ATEARA ILLAR HILAYI STATION 12 °C - 14 CD HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 | 9 - 10 - 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | e 31 | D.8_W.B. Dry Bulb Wer Bulb Dew Point 1 :/10 1.7 /107 t . c Ł 0.0 14.5 1/1/13 115 32.1 2/101 145 31 39 57 97 4 5 101 75 . / 51 7 80 E/ 57 77/71 5 / 67 57 ES 27 47 63 , / FI 1 '5 1 54 7 57 1 4/ 57 . С 5 р 47 43 121 41 r c 0.26.5 (OL 5 / 17 56 1 3-7-33 7 31 > 3 Element (X) Mean No. of Hours with Temperature : 32 F ± 67 F = 73 F . 80 F ▶ 93 F Rel. Hum. Dry Bulb Wet Bulb Dew Paint

PLOSAL CLIMATCLOGIC SKANCH FICTAC PSYCHROMETRIC SUMMARY EATHER SERVICE MAC 4 4360 ALGARA IGI ARABIA MONTH 1278-1457 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 77 21 21 ų / i -1 / 11 671 ž EDITIONS OF C Solve (0 P) 0.26-5 No. Obe. Element (X) ZX Maon No. of Hours with Temperature 6480 9.7 2.899 66721 102.0 3.706 68210 671 •73 F Rel. Hum. ≥ 67 F ≥ 80 F → 93 F 7016031 90.0 Dry Bulb 90.3 40 2772744 64.3 1.941 Wet Bulb 43114 671 8.2 90 807905 22929 34.2 6.03 671 Dew Peint 43

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SE PAL CEIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY A - REATHER SERVICE MAC च चरेत€ SIYADH SABUT A-AHIA STATION $1-3 \lor 4 \, \circ$ Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S./W.B. Dry Bulb Wet Bulb Dew Poin 12/111 1:1/10 Mr. 64 6.5 1101 WO: 135 138 2/101 173 . / 97 16 3/ 95 1/9 7 8 7.67 272 201 4/ 63 27 51 112 7 50 15 5. / 41 -4/ 43 Ç 4 / 35 45 31 37 48 3 / 35 97 60 11.7 t 3 24/ 27 98 7.7 25 2-/ 23 27 21 4 1777 10/ 15 Rei. Hum. ±67 F = 73 F = 80 F - 93 F Dry Bulb Wet Bulb

SATAC PSYCHROMETRIC SUMMARY LEAT OF SERVICE / BAC PLYALM SAILI APALIA STATION NAME 15 U-17 7 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1-/-13 1-/-11 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | + 31 D.B./W.B. Dry Bulb Wet Bulb Dem 7 11 6 7 7 0.26-5 (OL A) 12 No. Obs. Element (X) 7187118 5810 8.6 2.267 69770 102.9 3.305 43410 64.1 1.777 21735 32.1 5.719 677 678 Rel. Hum. Dry Bulb Ϋ́ 2785632 Wet Bulb 677 40 719913 48.5 677 Dew Point 93

TAE CEIMATTENOV - AT TAE TEST TV STHMITT MA. **PSYCHROMETRIC SUMMARY** _ *4. ~ SA to A & AciA WET BULB TEMPERATURE DEPRESSION IF TOTAL TOTAL Temp. (F) D.B. W.B. Dry Bulb Wet Bulb Dew Poir 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 1137 117: 7777 ? Ī 2.1 c/1 1 155 2 1 . 3 165 1 91 95 11 11 17 3. 61 1 35 **d** 2 5 K 33 ь 🕭 1 2 / 27 17 2 1 23 Z X' Element (X) Rel. Hum. Dry Bulb Wet Bulb Dow Point

0.26-5 (OLA

AL CLIMATOLOGY TRAFCH **PSYCHROMETRIC SUMMARY** CATAC A CONFAT IN SERVICENHAL WITAGE SA LOT ARAPTA 15"6-276" WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb 7 17 1 / 1 7 11. 2.986 96.4 4.194 No. Obs. 77.0 9U.0 654 94403 . 80 F . 93 F Rel. Hum. 7164 6090704 Dry Bulb ٠, 2501254 40390 61.9 2.149 653 Wet Bulb 41.6 Dew Point 21646 653

0.26-5 (OLA) BENSED REVIOUS

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SERVICEM SERVICEMAC S C P ATRAPA IU AZ PLAYIN STATION STATION NAME 2176-2330 Hours (L. S. T.) WET BULB YEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-19 19 20 21-22 23 24 25-26 27-28 29-30- #31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 1127 1197 स्योध u . . . 1 7 13 61 00 4 y 2 7 11 1 . 6 ំ១ 🚜 5.6 3 1.5 6.c 5.6 2.1 5.5 3.2 1.4 2.3 3.3 .5 1.7 2.6 111 97 87 2.3 3.2 1.1 €7 7 77 ₹7°3,₹° 3 41 h? 5.3 178 217 7 57 110 100 47 53 T 4 / 4 22

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

37 73 Ł 4 6.6

67 76

AL CLIMATOLOGY BRANCH

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14/ 43 02/ 41

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Element (X) Dry Bulb Wet Bulb

STONAL CLIMATOLOGY RANCH PSYCHROMETRIC SUMMARY A TO LEAT HER SERVICE MAC 4 39-2 ALCANA TUNAS MERYEM 21 10-2300 PALT WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.A. W.B. Dry Bulb Wet Bulb De (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 7+ 1 25 ۷ ا .7 27 27 21 / 17 71: No. Obs. Mean No of Hours with Temperature ZX Element (X) 9475 14.4 3.77 9 59118 89.3 3.969 39359 59.6 2.383 22605 34.3 5.797 145:-7 + 67 F + 73 ₽ Rei. Hum. 70.0 70.0 64.K Dry Bulb 2350909 660 Wet Bulb 796369 665

0-26-5 (OL A)

SUPPAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY A EX WEATHER SERVICEZHAC WIYA, H SA JUI APADIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 13 - 14 15 - 16 17 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | • 31 12/111 1 /10-7177 /105 7133 645 145 1 97 276 256 2**5**7 119 4/ 9: 256 264 8/ 97 5/ 20 न् वर 7 / 77 51 75 144 4/ 73 1 64 121 584 961 47 53 1,21 676 1 57 ₹ 5 / 55 ğ 47 53 0.26.5 4 / 45 162 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

MAL CLIMATOLOGY & A .CH STAC PSYCHROMETRIC SUMMARY WEAT FR SERVICE FOAT P. PALM TANGT BURSTA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 4 1/41 755 3 - / 33 649 31 563 7 77 . : 57 1 25 27 21 111 171 / 13 1 / 11 No. Obs Element (X) Z X' Mean No. of Hours with Temperature 67 F -73 F -80 F +93 F 720 D 714 8 630 7 337 3 14.4 6.155 12*0927 Rel. Hum. Dry Bulb 4414373 476426 5241 20.2 19173541 316111 60.4 3.774 5232 Wet Bulb 180277 5232

HAVISED PREVIOUS EDITIONS OF

CIA.

SE PAL CEIMATCLOSY HEANCH SISTETAC AI HEAT RE SERVICHIMAC HE4350 PAYAUM SAULT AFABLA

USAFETAL NORM 0.26-5 (OLA) tevisto mendus formons of this form are obsolete

PSYCHROMETRIC SUMMARY !

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Temp.					URE DEPRESSIO					TOTAL		TOTAL	
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e / 37										1	1		
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er Bulb				 	 				+	+	+	+	
w Point				 	 	 -	 			+	†		

CAL CLIMATOLSOS PSYCHROMETRIC SUMMARY PAT TO STUDIES CAL ATRANA TONAS PURSEIN WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30; * 31 1 / 11 Mean No. of Hours with Temperature No. Obs. € 67 F Rel, Hum. 570525 3416373 Dry Bulb 33316 1525716 54.3 4.954 Q X Dew Point

BEVISED FREVIOUS EDITIONS OF THIS FORM ARE OSSULTE

0.26-5 (OL A)

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Cire.

LUBAL CLIMATOLOGY FRANCH PSYCHROMETRIC SUMMARY A -- EATHER SETHICLINE MIKA IN SA UI A ANIA WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 18 19 - 20 21 - 22 23 24 25 - 26 27 - 28 29 - 30 - 31 16 17 / 57 15 31 -1 ્રિય

Rel. Hum. Dry Bulb Wer Buib

AL DETMATCHOST (ALCH STAC PSYCHROMETRIC SUMMARY LEAT EN SERVIC MAL MONTH TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23 24.25.26 27.28 29.30: e 31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin 7 7 17 1 7 13 REVISED PREVIDUS EDITIONS OF THIS KOEM ARE OBSOLETE NOW 0.26-5 (OLA) Mean No of Hours with Temperature
267 f = 73 F = 80 F
67.0 33.9 4.5 No. Obs. Element (X) 7 19355 30.315.956 45377 70.5 5.411 33878 53.6 5.545 22676 35.511.227 634 3215155 644 Dry Bulb 1815736 639 Wet Bulb 639 685117

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BECHAR CLIMATOLOGY PHANCH L SECTAC A " WEATHER SERVICE /MAG PSYCHROMETRIC SUMMARY 4<u>143</u>60 - LYALH SAINT ATABIA 240E 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wer Bulb Dew Poin (F) 1 - 2 3 - 4 | 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5/8 4/ 5 1 77 1 • 4 2 • 1 75 **4** ز 4/ 73 1.9 3.2 5.0 .8 1 5' 2.8 14 12 . 5 2.8 5 • Ž 76 .6 1.1 3.2 .3 3.5 €/ 65 43 .. 3 47 63 150 136 ر 5 15: .2 .1.4 .2 .1.3 37 13 1-50 6 / 57 54 46 4/57 21 51 1"ê 7 47 u . / 45 28 147 43 18 27 41 33 50 7 35 54 3 / 13 1/ 31 <u>.</u> a 61 57 1 25 7? 1 25 ء 2 29/ 23 14 17 No. Obs. Element (X) ZX Ţ Mean No. of Hours with Temperature : 32 F * 93 F Dry Bulb Wet Buib

CT.

Dew Point

TELTAL CLIMATOLOGY HEAVEN PSYCHROMETRIC SUMMARY SATBIL 3 ATH SEATHER SPRVICE MAC 4 14 35 1 WITHOUT SATOT ARABIA WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 - 29 - 30 - 21 D.B./W.B. Dry Bulb Wet Bulb Dew Point / 1 / 17 / 1 17 11 (OLA) 7 × 7652 3155 / 14 Element (X) 19694 31.116.67 44644 70.2 5.89 33645 53.1 5.717 634 ≥ 67 F > 73 F Rel. Hum. ÇŢ Dry Bulb 1806157 634 Wet Bulb 93 895310 22694 35. 5 11.449 Dew Point

DE TAL CETMATOLOGY TRABER TURFETAC ATTURFATUER SERVICEZUMAC

PSYCHROMETRIC SUMMARY

PIYADU SAUDI ARABIA

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(F)	0 1 - 2 3	.4 5-6 7-8 9-	10 11 - 12	13 - 14 15	16 17 - 18	19 - 20	21 - 22 23	24 25 - 2	6 27 - 28 2	7 - 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
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4/ 9.									. 4 1	. 2 2 . 6	<u> </u>			
16								• *	1.0	.6 1.9	49	40		
/ 81								•1•.		.2 2.0	49			
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-, / ET			•		.1 .4	1.5	• 5 1	.2 3.2	2.5 1	• 13	7.	70		
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777			•	• 1	.4 .1	• 1	. 4 3	•3 •3	. 4		ų ,	4 "		
7 / 77				. 4	3 1.2		1.2 1	.0 1.0	. 1		4.4	44		
67.75		• 1	, , , , ,		1 . 4	1.5	2.2	.4 .4	•		41	41		
4/ 7:		•	1 .3		. 3 . 1	1.2	• E.	. 4 . 4			27	17		
77.7			1		. 1		• 1	• 3		•	1	1	3	
161		• • • • •						• 1			44	ય	7	
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Element (X)	Σχ'	Z g	X	* 1	No. Obs				Mean No.	. of Hours wi	th Temperatu	170		
Rel. Hum.	· · · · · · · · · · · · · · · · · · ·						10F	: 32 F	≥ 67 F	≥ 73 F	▶ 80 F	▶ 93 F	T	atal
Dry Bulb								i						
Wet Bulb														
Dew Point								T	T		1]		

DOMAL CLIMATOLOGY SHAMOH PSYCHROMETRIC SUMMARY A . LEAT IFR SERVICE FIAC 4 4363 ATTANA SA JUL AFABIA 1970-1170 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Buib Wei Bulb Dew Poin 7/31 1/20 7/27 1.25 21 21 171 7.13 BRUSED FREVIOUS EDITIONS OF THIS FORM AM OBJUSTS OLA SOLA ≥ 67 F | ≈ 73 F 454699 - 80 F Rel. Hum. \$3.6 2407074 58.9 4.363 40672 Ç Wat Bulb 1053651 26011 37.610.393 Dew Point

CLARAL CLIMATOLOGY SCARCH OF WETAC PSYCHROMETRIC SUMMARY ATH ACATHER SERVICE/MAC - TYACH SAUUT AHASTA 4 4783 12 10-14. 3 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION F TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 . 12 13 . 14 15 . 16 17 . 18 19 20 21 22 23 24 25 . 26 27 . 28 29 . 30 . a 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point /103 2/131 11. -1 91 11.3 6/ 95 111 .1 2.013. 117 4/91 56 st. 617 1 90 37 A7 56 55 5 6 4 1 57 85 4/ 43 • 1 41 7 , 77 7.77 141 73 7 67 6/ 55 47 53 130 .7 51 120 - 44 147 1 57 4/ 52 4 / 4 3 0-26-5 (OL A) - / 47 15 4 / 45 32 147 43 31 -21 41 3 / 37 57 Mean No. of Hours with Temperature Element (X) Dry Bulb Wer Bulb Dew Point

AL CLIMATOLOG . . A. CH PSYCHROMETRIC SUMMARY STATION STHILL INA 4_-+5a0 ALBASE I A A B HCAVIN 12"5-14.3 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 - 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb 49 5.5 3 1/ 33 1 31 ٠ 1 26. 11 7.1 11 17 1 13 1711 1 S PORM ARE OBSOLETE Ĩ MEVIOUS EDITIONS OF 0.26-5 (OL Element (X) +67 F + 73 F 92 • 5 91 • 9 11096 698 701 Rel. Hum. 2/3414 91.9 Dry Bulb 42698 93 2620280 698 Wet Bulb 600 Dow Paint

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AL MAL CLIMATOLOGY - ANCH . AFETAC PSYCHROMETRIC SUMMARY ATT ABAT IFR SPRINTS AVAD 4 355 - 14404 SALLT 48 ABIA STATION STATION NAME 15 2-17..C WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-26 21-22 23 24 25-26 27 28 29-30. a 31 D.B. W.B. Dry Bulb Wer Bulb Dew Po. र ग 42 3/ 45 11 L 3 1 95 7. 東京 t l 61 37 57 35 1 33 7 1 176 6/ 15 47 73 7 59 67 65 4/ 63 174 7 57 5 / 55 7 47 53 21 51 7 4 5 0 / 47 4 7 43 .4/ 43 327 41 36 Element (X) USAFETAC Rel. Hum. 1 32 F Dry Bulb Wet Bulb Dow Point

AL CLIMATOLOGY HANCE PETAC PSYCHROMETRIC SUMMARY - LEAT OF R SERVICE OFAC * HIGH SHOW SHOUT ARASIA STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 - 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - # 31 D.B./W.B. Dry Bulb / 37 7 13 0-26-5 (OL A) 1 2 2 2 684 687 +67 F +73 F +80 F +93 F 92 • 7 92 • 1 88 • 1 49 • 5 Rel. Hum. 62991 Dry Bulb 2527329 41503 50.7 3.641 684 Wer Bulb 4.6 Dow Point 8614:14 23106

" FATHER SPRUITE JMAS ATEATA TOLAT HUAVIE 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30. .31 1 77 14/ 73 71 1 59 47 57 1.57 4/5: 4 / 45 0.26-5 (OL A) 827 41 3-1 37 7 7 35 34/ 33 Element (X) Dry Bulb

Wet Bulb

PSYCHROMETRIC SUMMARY

TOTAL

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AL CLIMATOLOGY PRANCH PLITAC USATH PUSSERVICE HAS

ABYASH SATUL ARASTA

PSYCHROMETRIC SUMMARY

STATION					STAT	ON NAM	IE									78,	ARS			\$ A	• r			MONTH (+ ,) [(S (),) S	
Temp.							WET	BULB	TEMP	ERATI	JRE DE	PRESSI	ON (F)							TOTA	Ĺ		TOTA	AL.	
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UN THE CLIMATTERSY ANDH TO SETAC ATE LEATHER SERVICE MAY

USAFETAC ALL 0.26-5 (OLA) REVENIENCES EDITIONS OF THIS FORM ARE ORDORITE

Crack CA ... A. AbiA

PSYCHROMETRIC SUMMARY

Temp.			WET BULB T	EMPERA	TURE	PRESSIO	N (F)						TOTAL		HOURS IL	
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I. PAL CLIMATOLOGY WENCH **PSYCHROMETRIC SUMMARY** FAT I SERVIC . AT 1023 STYAGH SAINT AVABLA Temp. (F) / 25 WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 | 231 / 1 NOSH 0.26-5 (OLA) 2x 14642 51812 Element (X) *, 22.413.215 78.7 5.583 56.1 4.451 34.710.355 441522 655 658 ≥ 67 F | = 73 F . 80 F Rel. Hum. 92.6 Dry Bulb 655 36748 2074560 Wet Bulb 22715 557467

REVISED MEVIOUS ENTIONS OF THIS YORK ARE OLDUCT IS

E CAL CLIMATCECSY PHANCH POSTAC PSYCHROMETRIC SUMMARY LEAT EN SENDED LANGE 435 STREET SELECTION STATION TEARS 11 L WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 22 23 24 25 - 26 27 - 28 29 - 30 110 1150 - / 61 51 87 1 7. 1 74 1 417 34 34 5 / 16 7 ' 644 ٤ ٠ 37 34 68 8.6 × 1 186 1'.L 4/ 43 77 45 Dry Bulb

THIS PORM ARE

REVISED MEYICUS EDITIONS OF

0.26-5 (OL A)

Con.

HAL CLIMATOLIGY FLIAC PSYCHROMETRIC SUMMARY FAT SERVICE HAL LYADE SAMUL ANALIA WET BULB TEMPERATURE DEPRESSION . F; TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - + 31 D.8. W.8. Dry Bulb 4.1 47.5 51.7 7:33 / 31 7 3-77.71 / 1 1 71 1 / 11 Revised Meyicous Epitions OF 0.26-5 (OL A) No. Obs 118784 22 15.064 423876 81.10.14 300941 57.1 5.504 3557684 5272 5278 3526243 Dry Bulb 17338243

3

THE TAL LEIMATCHORY SPANCH DISPETAC AT STATES SPAGIO, MAR

STATION NAME

PSYCHROMETRIC SUMMARY

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AR 64 0-26-5 (OLA) RVISED MEYICUS EDITION

SAFETAC NORM 0.26

EL AL GLIMATOL 139 - A 109 APP TAT PSYCHROMETRIC SUMMARY STAT IN SPECIES / AL + HINT - HIVA - SAULT ASADIA WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - # 31 .1 .1 .3 .. .2 1.4 .5 .2 .6 .5 .6 .2 .7 1.1 2.2 1.1 1.5 .5 .4 2.4 1.6 2.2 2.7 .7 .. 4.1 4.2 5.7 1.1 1 71 7 59 <u>; 1</u> 31 57 .5 74 1.6 4.1 4.2 1.1 1.1 7. 3. 5.5 1.. 1.. 1.4 2.5 1.6 135 1. E. ۲, 1.5 1.7 1.1 1.5 1.7 1.1 1.7 .7 41 31 93 14 Q 110 55 47 47 43 **4** A 56 7-7-37 . . · / 34 - 1 57 31 ÷ Ç 7 3 100 0.26-5 (OLA) 1 1 USAFETAC 1449566 46.315.516 636 # 67 F Rel. Hum. 2417"73 39361 61.3 5.867 Dry Bulb 31958 50.2 5.097 24823 39.0 8.552 1622334 636 Wet Bulb Dew Point

TAL CLIMATOLOGY "HANCH PSYCHROMETRIC SUMMARY CEATION SCHUTCHING ATOA IS TILL AND ENDING TO THE STATE 6 70 - 6 8 6 7 HOURS IL. S. T.1 WET BULB TEMPERATURE DEPRESSION (F: TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point */ */ 71 */ हव $\frac{15}{22}$ 71 14 1 50 40 113 1 47 196 67 έì 44 40 1 1 31 45 - L 1 31 77 7T /: No. Obs. 47.515.66 63.4 6.547 49.9 5.329 659 + 67 F = 73 F = 80 F 17.0 657 Dry Bulb 1556 54 32824 653 Wet Bulb 1345-75 39-1 7-738 25725

PSYCHROMETRIC SUMMARY SEAT FR SERVICE PRAT STYAUH SALDI ARABIA WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 27 - 28 29 - 301 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Mean No. of Hours with Temperature

BEVISED MEVICUS EQUICAS OF THIS FORM ARE OLIVIETE

0.26 5 (OL A)

ELFAL CLIMATOLOGY FRANCH LEFETAC PSYCHROMETRIC SUMMARY 14 PATHER SERVICE **** • • Jan ALBANA LURAS - SANJE ARABIA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20-21-22 23-24 25-26 27-28 29-30; a 31 D.B./W.B. Dry Bulb Wer Bulb Dew Poin Element (X) 2 x 2 9 Mean No. of Hours with Temperature 3512267 692 - 67 F Rel. Hum Dry Bulb 692 Wer Buib 20 36610

BRYSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OL A)

(OL. A) REVISED MENTOUS BOTTOMS OF THIS KOIM ARE ORDUCETE

DE TAL CLIMATOLOGY HANGH TETAC A - LEATHER SERVIC MAC

PSYCHROMETRIC SUMMARY

 STATION
 STATION NAME
 77-84
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 STATION
 STATION NAME
 YEARS
 MONTH

 10.00-14.00
 10.00-14.00
 10.00-14.00

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Rel. Hum.				 			· 	~	+					= 0		1 32	<u> </u>	× 67	F •	73 F	→ 80 f	•	93 F	_ i	otal
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C TAL CLIMATOLOGY PRANCH SECTAC PSYCHROMETRIC SUMMARY REATHER SERVICEZIAC "ITAUH "A JUT A PASTA STATION STATION NAME 12 "L-14. HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 1 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | # 31 D.B./W.B. Dry Bulb Not Bulb. Dew Point / 23 14 **!** • • 0 ¥ 2 x 19151 54352 7 *. 27.713.924 78.5 7.566 57.8 4.398 Σχ' No. Obs. Meen No. of Hours with Temperature Element (X) 064535 4334542 591 692 1.5 71.7 1 . 93 F - 80 F Tatel Rei. Hum. Dry Bulb 2319233 39917 691 Wet Bulb 11585.0 27622 40.0 P.581 691 19.7 Dew Paint

BEVISED MEVIOUS EDITIONS OF THIS YORM ARE UBJUILTE

0.26-5 (OL A)

USAFETAC

Con .

TOTAL CLIMATOLOGY TVANCH PSYCHROMETRIC SUMMARY * SEATHER SERVICEMAL . 2.7 CONTRACT SACOL AMARIA TOTAL D.B. W.B. Dry Bulb TOTAL WET BULB TEMPERATURE DEPRESSION (F) 7 - 8 9 - 10 - 11 - 12 13 - 14 - 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1 • i 8/ 87 4.6 1.3 1 5 2.6 6.1 1.6 1.9 1.7 1.6 2.2 1. / **7**1 1.5 2.0 1.7 1.3 • 6 5 / 67 57 65 .4 1.6 • 1 93 1 59 156 7 57 10 5 / 55 17 53 14 27.51 7 4 25 29 7 / 45 67 47 43 3.8 57 4 / ; 4 7 3-7-37 3-7 73 56 4/ 31 43 9 / 27 Element (X) Dry Bulb Dew Point

CTA

TOAL CLIMATOLOGY REARCH PSYCHROMETRIC SUMMARY GEATHER SERVICE 1116 TYATH SAMEL APARIA , tor STATION NAME TOTAL WET BULB TEMPERATURE DEPRESSION (F) 11.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16.17.18 19.20 21.22 23 24 25.26 27 28.29.30 = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Pain / 25 / 23 27 71 / 1 4 1 1.00,400 C.112.311.6 7.910.915.512.5 4.2 5.4. 2_X X 7, 17523 25.613.100 54666 79.4 7.411 37677 57.6 4.121 26606 38.6 8.705 17623 54666 Element (X) \$63825 4378218 684 687 ±67 F = 73 F = 3 • 1 74 • 5 . \$0 F . 93 F ÷3.1 Dry Bulb 689 2246537 1.4 Wet Bulb 683 52.5 Dew Point

RYIND PRIVIOUS EDITIONS OF

0.26-5 (OL A)

TAL CLIMATOLIS **PSYCHROMETRIC SUMMARY** VEAT ES STREETS SEE - th that is a first WET BULB TEMPERATURE DEPRESSION F TOTAL WET BULB TEMPERATURE DEFRESSION FI 11 3 7 77 1. 74 1 - 1 5 7 66 37 3 75 7 7.37 176 ţ. 5 / 55 147 11 17 24 . / 47 31 - 4 4/ 43 27 41 40 7.7 1 / 35 4.5 7 7 33 . / 31 . 9 5 A 2.1 25 21 31 Dry Bulb Wet Bulb

0.26-5 (O. A) Brysep Pervicus Epitions of this role are opported

ETAC 104 0.26-5 (OLA) H111

PAL CLIMATCLOGY MARCH 1 PELTAC PSYCHROMETRIC SUMMARY -EAT LA SELVICEZAS CLYSIN SA SUI APABIA 14.5 Temp. WET BULB TEMPERATURE DEPRESSION (F) 0.26-5 (OL A) 30.513.526 73.2 6.788 741093 2 x 2 3 3 1 1 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum 567 3677353 48843 Dry Bulb 72.02 53.7 2027177 36639 666 Wet Bulb 366 Dow Point

STAT:ON STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | = 31 D.B. W.S. Dry Suib Wet Suib Dew Pain 1/ 43 / 81 7.77 7 / 27 • 4 4/ 73 1 49 7 57 ٠ ٦ 1.7 1.4 • 1 1 13 0.26-5 (OL A) 2/ 21 1 2 2 1 17 Element (X) Maun No. of Hours with Temperature 1 32 F Dry Bulb Wet Bulb Dew Point

-AL CLIMATOLOS - ETAC

- 2841 0 R SEH. 12 - 82

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PSYCHROMETRIC SUMMARY

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TOTAL

PAL CLIMATOLOGY PHANCH CLIMAC HEATHER SERVIC MMAC

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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FORM 0.26-5 (OLA) BEVISED MEVIOUS EDITIONS OF THIS FORM ARE

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	USAFETAC	

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OTAL		TOTAL D.B. W.B. D	30 • 31	28 29	26 27	24 25	72 23	ON (F:	PRESSI 18 19	URE DE	MPERAT	JLB TE	WET BU	. 6 9	6 7	3 - 4	1 - 2	0	femp. (F)
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Total	2 93 F	* 80 F	of Hours wit	lean No. c ≥ 67 F					. Obs.		345		X	t 4]44	2;	<u> </u>	x' · 4 4 6		ment (X) . Hum.
725	. 93 -		772.9		41	: 32	. O. F		5377 5387	† 	59 A	5	59	4875	- 37	35	5 2	2	Bulb
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7.0		<u> </u>			C	190.			5377	ļ — -	.569	. (1 A	39.	9735	20	775	573		Point

AL CLIMATCLOSM NAMES PSYCHROMETRIC SUMMARY REAT BE SERVICE ! . . TALLA TO SA STA ALASTA WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 30 = 31 1 71 7 • 3 10 36 :7 55 42 (1 , 32.014.865 55.5 5.147 47.0 5.371 Element (X) 661 Rel. Hum. 37287 2134527 633 31996 157201. Wet Bulb Dew Point

HOEM 0.26-5 (OL A)

PSYCHROMETRIC SUMMARY SERVIC FRESERVIC FRAC WIND FIRSON NO MI ANABIA 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17 18 19 2L 21-22 23-24 25-26 27-28 29-30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 44 56 57 634 57. 4.661 53.2 6.395 45.6 5.027 1.36 Rel. Hum. 33914 29117 1353536 636 Dew Point

108m 0.26-5 (OLA)

AE CEIMATOLOGY - 4 A+ C PSYCHROMETRIC SUMMARY LEAT FR SERVICE THAT RIMACH SAIL TO CARTA HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20 21-22 23-24 25-26 27-28-29-30- = 31 D.B./W.B. Dry Bulb / 71 . 6 = ; 41 , 57 7 75 77.35 3 / 13 5 4 (OL A) 2 652 0.26.5 3 Zx X x x, 33.799 58.414.767 34151 52.1 6.542 29397 45.1 5.951 24232 37.2 3.205 No. Obs. Element (X) 552 6**5**6 234-235 Rel. Hum. 18:5917 93 1346487 Wet Bulb 93 Dew Point

C PAL CLIMATPLOGY PRANCH PATETAC PSYCHROMETRIC SUMMARY - SERTIFF SERVICE INAC TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15 16 17.18 19.20 21.22 23 24 25.26 27.28 29.30 *31 2 MA 0. 26-5 (OL A) Dry Bulb

PSYCHROMETRIC SUMMARY EATHER SEMANCE - 46 ATBARA ISHAB HUAYIR - CER. WET BULB TEMPERATURE DEPRESSION (F) (F) 1 . 2 3 . 4 5 . 6 . 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 .17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.8. W 8. Dry Bulb Wer Bulb Dew Pare 7 13 13 1. 1 4. 7. 612.317.021. 42.710.1 6.7 3.4 1.2 .1 .1 Element (X) e67 F | *73 F | *80 F 21 •4 | F•J | •4 1650823 2676131 Rel. Hum. 1772118 706 Wet Bulb Dew Paint

NOM 0.26-5 (OLA)

SAL CLIMATOLOGY RAN AFETAC LATHLY STIVICEZZAC

+ 4350 - 174 - CF ICT ANABLE
STATION STATION NAME

PSYCHROMETRIC SUMMARY

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(F)	0 1 .	2 3	. 4	5 - 6	7.1		10 1	1 - 12	13 - 14	1 15	16 17	18 19	20	21 - 2	2 23	. 24	25 2	6 27	28	29 3	0 + 31			Dry E			Dew Po
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Element (X)	Z _X ,				Z X			X	•		No	Obs.						М	een N	o. of	Hours w	th Te	mpere	ture			
Rel. Hum.														• () F		32 F	I	2 67	F	⇒ 73 F	•	80 F		93 F	1	Total
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Dow Point							1									1				7		1		1	-	7 -	

AL CLIMATOLCS + PSYCHROMETRIC SUMMARY SEATERN SERVICE IN NO HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1. 2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22.23.24 25.26 27.28 29.30 + 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poi 1 / 1% 1 / 11 2.5 6.911.11.114.713.912.2 2.7 5.3 2.7 1.1 0 ± 247 1036560 3470930 2029953 X % 35.314.568 68.8 9.105 53.1 5.147 2x 25144 49044 No. Obs. 713 713 Rel. Hum. Dry Bulb 37867 1075506 27274 38.7 3.563

(O; A)

0.26.5

USAFETAC FOLM 0.26-5 (OL.A) REVISIO MENOUS EDITIONS OF THIS NORM ARE OBJUITED

CHAL CLYMATCHDIM CHARCA CHARSTAC STOREATHER SPRAICHMAC

PSYCHROMETRIC SUMMARY 1

STATION		STATION NAM	IE						···	EARS				D' C	•
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Temp.			WET BULB	TEMPERAT	URE DEPRI	ESSION	(F)					TOTAL		TOTAL	
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ment (X)	Zx'	ZX	X	-	No. Ol	be	·			Mean No.	of Hours wil	h Temperatu	170		<u> </u>
l. Hum.								#	1 32 F	€ 67 F	● 73 F	. 80 F	- 93 F	Ter	iol.
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PAL CLIMATOLOGY PETSC PSYCHROMETRIC SUMMARY SPAT OR SERVICE HIAS 1000 TOTAL D.B./W.B. Dry Bulb TOTAL 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 1 / 12 Element (X) 33.214.782 69.9 8.143 53.3 5.260 Rel. Hum. 3534951 Dry Bulb 37982 26780 2044370 712 1058798 Dew Point

BEVISED PREVIOUS EDITIONS OF THIS FORM ARE GRADIETE

0-26-5 (OL A)

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USAFETAC

HO, AH CONCUDENTIAL CHICAGE PSYCHROMETRIC SUMMARY WEAT ER LERVICE /HIC STATION NAME WET BULB TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16 17.18 19.20 21.22 23.24 25.26 27.28.29.30 .31 Dew Paint

PSYCHROMETRIC SUMMARY EAT ER SERVICE MAG WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL (F) -/ 13 -/ 13 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23 24-25-26 27-28 29-30 | = 31 D.B./W.B. Dry Bulb Mean No. of Hours with 267 F = 73 F 34 o 6 13 o 1 No. Obs 39.214.418 64.2 7.321 50.8 5.291 707 712 Rel. Hum. Dry Bulb 1044417 35917

FORM 0.26-5 (OL A)

FATHER SET VICTORAL

PSYCHROMETRIC SUMMARY

STATION	STATION			77-8	4			YEARS			a tay armin	- U MOM	ith -
											•	HOURS IL	<u>-</u> s. t.
Temp.			TEMPERATUR							TOTAL		TOTAL	
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lement (X)	z _X , z _X	X	<u> </u>	No. Obs						with Tempera			
Rel. Hum.			1 717	72		0 F	± 32 F	≥ 67			. 93 1	F T	Total
Dry Bulb			6.587	7)	1			1	2 1	1	<u> </u>		
Wer Bulb			5.297	70: 70:		- -	26.5					 	
Dew Point													7

1281 JA 508 11 1 4 4

PSYCHROMETRIC SUMMARY

YE ARS

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 :5.16 17.18 19.20 21.22 23 24 25.26 27 28 29.30 | = 31 • 1 ة ر الا 3-1 430 1:1 4 1 I و ٦٩ 158 4/ 43 πŢ 55 236 450 Dry Bulb

C.

0.26 5 (OLA)

PSYCHROMETRIC SUMMARY COST OF SERVICE PART STATION NAME WET BULB TEMPERATURE DEPRESSION IF. 1. 2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21 22 23.24 25.26 27.28.29.30 +31 D.B./W.B. Dry Buib Wer Buib Dew Poin 713 1 / 11 1 1 2 5 2519.5 335872 271850 No. Obs. Element (X) 1713:015 208 7016 13610262 5515 5532 Rel. Hum. Dry Bulb 5515 744 Wet Bulb F213574 Dew Point

BEVISED MEVIOUS EDITIONS OF THIS NORM ARE OBSOLETE

0.26-5 (OL A)

USAFETAC

AL DE MUTOLOUR MANUEL STAT **PSYCHROMETRIC SUMMARY** AFAT B SENVICE MAC IVA -- BA LI A-ABIA HOURS IL. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.S. W.B. Dry Buib Wet Buib Dew Po 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 711 1 /11: 17117 12/111 11 57 /1 1641 1646 77771 / 9 3277 1946 1-26 1-34 1.3 2, 1 20%; 1.1 22°, 2264 1.3 a / 47 2364 2370 245.7 •3 2614 2524 •2 1.Ó 1.7 .0 45 77 46.7 2175 2132 2253 2262 1014 1943 1051 1 79 . . 71 1:63 1875 371 • 1 ٠ô 67 1462 1567 925 1 67 • 0 18-9 1906 2322 63 2042 2045 (OLA) 367: 6666 2 , 4 1623 1921 1225 6669 6.17 0.26-5 1405 1410 614 140 - 140 - 5581 832 1205 1210 4334 1026 1017 |1089 | 3613

Mean No. of Hours with Temperature

E. 100

Dry Bulb Wet Bulb Dew Point

M. 0.26-5 (OLA) HWIED

1.	-41	CL	IMATOL	Ωë v	46.60

TYPE SA 121 ARASTA

PSYCHROMETRIC SUMMARY & PSYCHROMETRIC SUMMARY

600

ALL HOURS IL. S. T.

Temp.					WET	BULB	TEMPERA	TURE DE	PRESSIC	N (F)						TOTAL		TOTAL	
(F)	0 1 -	2 3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 15	5 - 16 17	18 19 .	26 21	22 23	- 24 25 - 1	26 27	8 29 -	30 + 31	D.B. W.B.	Dry Bulb	Wet Bulb C	Dew Por
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Rel. Hum.		24561 74003		71416			15.217		3556 3757	+	10 F	: 32 F	1	67 F	2 73 F	9517.4	2276		otal
Dry Bulb		11154	1				6.868	1				+ 					146320		
Wet Builb		11124		9826	< 5	0.0	7.519	. 5	3556	- 1		2.2	524	• /	27.1	1	1	1 '	8767
Dew Point		27211		3964		7	9.04		3556			\$045.7		. 7		+			3760

JE FAL CLIMATOLOSS 1 T40 AT DEAT AN SERVIC AMAC

MEANS AND STANDARD DEVIATIONS

CRY-BULL TEMPERATURES DES F FROM HOUPEY DESERVATIONS

م رحیات TYBUR SA . T. A . A. IA STATION

FEB MAY JUN. JUL. AUG. SEP. NOV DEC ANNUAL 3.0 56.5 64.7 74.2 33.1 -7.4 89.7. 85... 74.1 25.6 53.9 5 D 5.40. 6.328 5.3 y 3.479 3.809 3.733 3.430 5.573 0.073 6.147 7.369 14.152 TOTAL OBS 623.556. MEAN 23.4 S D 5.642 6.497 6.027 4.451 4.153 3.937 3.756 514. 65¥. 636--623. 80.1 94.7 0.357 6.07 7.071 0.306 5.915 4.870 4.515 4.273 4.458 5.890 6.047 5.540 14.397 TOTAL OBS 572 . **: 36**. 634 663 MEAN 57. 61.7 70.5 81.8 91.2 97.6 99.9 97.6 93.7 93.4 7 .8 61.3 7.162 7.669 8.244 7.406 6.430 4.638 4.241 4.324 4.957 7. 49 7.285 7.643 5 D 16.315 TOTAL OBS 693. 627. 705 694 7n9 684 704 2274 MEAN 98.8 174.8 107.8 105.3 172.0 - 6 - 4 S D 7.554 7.645 8.751 7.331 5.905 3.715 3.246 3.775 3.776 6.373 7.566 6.175 16.033 TOTAL OBS 73. 7::7, 697 714 684 MEAN 69-1 72-6 3 -6 93-8 192-4 196-4 1.8-4 196-7 192-9 91-7 79-4 59-9 S D 7.603 7.535 4.567 7.310 5.61: 3.295 2.773 2.569 3.3 5 6.375 7.411 c.140 684 737 718, 691, 68 MEAN -2.5 67.3 75.4 85.4 95.3 1 D.9 102.8 100.9 96.4 55.2 SD 7.371 7.139 8.292 7.372 5.519 3.997 3.650 3.832 4.194 5.914 6.748 7.321 15.773 TOTAL OBS 692 686 264. 6.7. 689 673, 631 653 95.3 93.3 69.3 79.3 86.5 93.1 61. 89.3 75.7 77.6 S D 0.600 6.296 7.724 6.641 5.564 3.815 3.476 3.632 3.969 5.503 6.394 6.562 14.802 TOTAL OBS -654 MEAN 50.6 62.2 7..5 83.6 95.0 97.1 95.2 89.8 79.4 ALL S. D 7.293 4.77010.57510.032 9.558 9.378 9.195 9.178 9.47613.140 9.598 9.553 HOURS

INTO ALL CUIMATOLOGY THANGH THEFTO AT LEATH SERVICIANA

MEANS AND STANDARD DEVIATIONS

ET-RULL TEMPERATURES DER F PHOM HOURLY DISERVATIO 1

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
.,	MEAN S D TOTAL OBS	5.3 5		5.727	4 - 4 35	3.957	. 439	2.:52	2.557		4.554	4.721		54.1 7.003
		-4	5=	42.	24E.	, <u>5</u> 3	52	5.	629		<u>.</u>	_51.	631	7626
	MEAN	. 4 و	44.5	٠.3	55.6	 59.5	58.1	 	54.	 55•6		5. •2	45.6	53.
- '	S D	1.491	5.11					2.330						7. 7!
	TOTAL OBS	57	574.	543.	545.	65=	u34.	6.71.	573	L 623	39.	. 636	. 6 30	7615
	MEAN	15.5	44.1	56.41	54 <u>. je</u>	59.5	5a.7	 59•1			 53.1		45.1	52.9
	S D							-			_		5.951	7.543
	TOTAL OBS							. 562				55		
	MEAN	47.	4 - 7	54.5	59.6	63.1	63-	63.9	62.9	<u></u> 61.7	54.0	54.8	49.5	57.5
- : 1	5 D	5 - 5 - 6	_					3.345						7.322
	TOTAL OBS_	6 /						7.28	-					
	MEAN "		52.5	57.4	61.4	65.5	45.4	60.	05.5		61.2	57.8	. 53	5 5 • 2
11 -	S D	3.301						2.590						6.600
	TOTAL OBS	٥.1.	541		547	717	633	7.27	_ 601	671	<u>69</u> ä.	. 291	713 -	
	MEAN			57.9	62.1	55	65.7	(5.2	55.3	54.1	6' -7			50.4
7	S D							2.396						5.453
	TOTAL OBS		625.			6º2			695		654			
	MEAN "	4).	1.1	5.5.7	6 .5	64.	63.8	64.4	47.0	61.0		55.0	 50.	Se•3
-2 °	S. D.												5.291	6.756
	TOTAL OBS		<u> 6_3</u>						1		-		77	
	MEAN "	 4 D a. 7	49.3	53.6	 59.5	62.	61.1	-1.7	61.2	59.6	56.1	52.5	48.6	- ده 55 • د
1-23	SD	5.515											5.297	6.052
	TOTAL OBS							657					7.8	7923
411	. MEAN "	47.4	48.7		54.9	62.1	62.3	ć2.5	61.9	6.0.4	57.1	53.7	49.3	50.6
ALL HOURS	S D	- 1						4.336						7.519
· ··OURS	TOTAL OBS							5451						4256

USAF ETAC FORM 0-89-5 (OL A)

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MEANS AND STANDARD DEVIATIONS

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LEX-POINT TEMPERATURES DES E FRUM HOUREY O SONYATIONS

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FAT ON SERVICE MAG

AL CLIMATOLOS

7-84

YEARS HRS LST FEB JUN. AUG. SEP. ANNUAL 3: . 5 41.2 42.1 74.0 34.3 34.3 34 . . 34 --37. 34 - 7 S D 7.507 6.79 .258 7.391· 3.669 5.647 5.54413.454 6.136 7.91= 6.014 TOTAL OBS 7626 MEAN 34.3 42. 5 D 6.57 6.474 5.738 6.57 r . 124 65E. MEAN 77.4 0.634 4.479 9.101 9.60 8.639 7.330 5.711 5.82511.449 0.738 0.2°5 9. . 47 TOTAL OBS .. 4321 46... - 638: 7620 34.8 35.8 41.4 43.6 35.3 35.4 35.4 30.0 37.6 4 .3 34.5 77.3 SD 8.381 9.711 9.73 4.655 8.863 7.867 6.400 6.21513.393 9.157 6.265 ز 7 _{د و} پ TOTAL OBS 684 2 6 4-MEAN 40.7 34.1 33.7 · 6 . 9 5 D. 7.469 4.907 9.155 8.334 7.229 6.03311.097 8.891 8.503 9.236 TOTAL OBS £ 305 32.2 5 D. 7.847 8.71 40.329 9.54640.263 9.230 7.915 7.016 5.71942.691/6.706 8.514 9.200 TOTAL OBS 1.8. 692 63. 170 أوشغظ 74.0 37.6 4 .3 43.5 33.2 73.1 33.2 34.1 36.0 S D .168 9.423 9.46410.026 3.429 7.691 6.257 5.6621 J. 396. 6.129 e.362 3.95 622. 571. 677 690 MEAN 41.3 34.3 34 ... 34.8 36.6 7.994 8...0210.023 9.25910.100 4.664 6.815 6.1 3 5.79713.355.7.944 8.708 TOTAL OBS 655 -67 MEAN 42.1 34.5 34.1 ALL 5. D 7.817 8.510 9.981 9.546 9.949 3.944 7.532 6.336 5.97 40.767 8.569 8.273 9..45 TOTAL OBS

USAF ETAC FORM 0-89-5 (OL A)

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TAL CLIMATCLOGY FRANCH FLTAC +FAT ER SERVICE/MAC

RELATIVE HUMIDITY

FIYADH SABUT PADIA STATION

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90°.	HUMIDITY	NO. OF OBS.
	_a-c	120.0	100.0	97.4	80.6	44.2	14.2	10.9	4.6	1.0	51.1	625
	D3-15	noa.o	100.0	98.3	91.2	62.6	29.4	14.7	4.3	1.2	55.6	57 s
) 5 - 0 -	100.0	100.0	99.3	93.4	69.3	36.5	21.6	9.2	2.1	58.8	6^6
	-11	1.0.0	79.1	89.1	57.5	29.6	15.8	8.0	2.3	•3	45.6	690
	12-14	1 0.0	93.8	54.4	22.4	9.1	4.5	1.6	•6		34.2	691
	15-17	99.8	90.3	43.7	14.3	6.6	3.0	.0	•6		31.3	663
	15-20	10 .0	97.7	70.5	28.5	12.5	5.4	3.3	1.4	•2	37.6	663
	1-23	1 0.0	99.5	92.5	61.1	25.9	10.2	5 • 2	2.9	• 3	45.4	665
	-					1,						
	-		-		-	W.						
10	OTALS.	100.0	97.6	80.8	56.1	32.5	15.5	8.4	3.2	.6	45.0	5181

USAFETAC 0-87-5 (OL A)

AL CLIMATCLOGY PRANCH PLITAC PERTYLIR SERVIC //AC

RELATIVE HUMIDITY

	PIYADH SAUUT ARABIA
STATION	STATION NAME

77-84 PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20°•	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
<u></u>	0-02	1.00.0	18.6	84.1	56.2	29.3	14.3	9.0	3.4	2.1	45.0	5.5
	03-05	100.0	99.5	93.6	69.9	42.5	22.3	13.1	4.9	1.2	50.1	574
	De-Co	130.0	79.6	91.4	71.6	48.D	29.2	15.2	7.4	1.8	52	57
	11	1 3.0	73.0	68.4	38.0	19.0	5.9	5.4	2.6	.5	39.1	621
	12-14	19.2	76.1	33.7	14.4	6.7	3.3	2.2	1.2		29.3	64
	15-17	98.7	68.5	26.2	10.6	4.8	2.9	2.1	1.3	•6	27.1	62!
	120	79.7	84.2	42.8	19.3	9.3	3.3	2.2	1.5	.3	31.9	6 1
	1-23	₹7.8	97.5	69.2	34.0	19,1	5.4	3.8	2.1	.,	39.2	60
						<u> </u>						
						1 and						
	·											
_	TALS	.9.7	89.5	63.3	39.4	22.3	11.8	6.6	3.1	. 0	39.2	4ê2

L.FAL CLIMATOLOGY PHANCH F 16TAC A FEATHER SERVIC MAC

RELATIVE HUMIDITY

STATION STATION N

84

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF
1 A	`u-o.:	1.0.0	94.2	67.3	37.7	23.5	14.5	13.7	5.1	1.6	41.3	64.
	UI-05	100.0	98.6	82.3	52.6	31.9	16.7	11.8	6.2	2.	45.7	£ 4
	6-08	103.0	90.7	83.5	57.5	36.1	22.4	12.4	6.0	2.0	47.2	63
	·-11	9.6	85.2	53.2	29.4	16.3	9.6	5.2	2.3	.6	35 • □	60
.	12-14	5.9	63.1	27.7	14.2	8 • 2	4.6	1.8	.7	• 1	27.3	10
	15-17	95.1	51.7	22.0	11.0	4.7	2.5	1.0			24.2	7
	14-2	47.4	67.8	30.2	16.1	8.4	4.5	1.7	.7		78.1	68
	21-23	·9.5	96.4	53.4	28.5	15.1	10.0	6.3	2.6	.8	35.7	££
	•		 -;	<u> </u>	ļ	ļ	ļ	ļ				
	<u> </u>	·	<u></u>		-	ļ	ļ	ļ				
			ļ			ļ	<u> </u>	-				
	4										-	
10	TALS	A . 2	30.7	52.5	30.4	19.0	14.9	6.4	3.0	. 9	35.7	538

HAL CEIMATOLOGY RHANCH ETAC HEATHER SERVICEZMAC

RELATIVE HUMIDITY

STATION SATION SATION STATION

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MONTH.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L 5 T .)	10%	20°∘	30%	40%	50%	60%	70%	80°.	90°∘	RELATIVE HUMIDITY	NO OF OBS
, . P	0-02	.9.5	92.3	44.	25.2	14.5	7.6	4.5	2.5	.9	33.7	646
	u 3 - 05	100.0	31.5	57.8	33.6	25.3	16.4	5.0	2.2	. 7	37.7	645
	0-03	99.5	90.8	63.6	34.5	21.7	12.3	6.2	2.5	.9	38.5	632
	-11	75.2	59.4	29.8	14.5	6.1	2.3				26.5	694
	12-14	7.4	38.3	14.5	3.6	.9					70.1	697
	15-17	87.1	32.1	10.2	2.5	. 9	.4				18.3	698
	1 2	:2.3	46-1	20.1	7.6	2.8	1.6	1.2	.4 -		22.0	671
	¥1-23	-8.0	58.1	32.2	15.5	6.8	3.2	2.3	1.1	.5	28.1	655
	<u> </u>			<u> </u>								
	1								1			
i	TALS	4	63.6	34	17.1	9.3	4.7	2.5	1.1	.4	78.2	5333

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RELATIVE HUMIDITY

STATION STATION STATION

77-84

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENCY	OF RELATIVE	HUMIDITY G	EATER THAN			MEAN	TOTAL NO OF
MONTH	(LST) -∔	10%	20%	30°₀	40%	50%	60°∘	70%	80%	90°∘	HUMIDITY	OBS.
۸.,	110-02	7.3	58.6	24.2	11.5	5.8	2 • 8	. 8	•5	• '	25.7	536
	03-05	7.8	74.3	35.4	17.5	9.8	4.4	2.^	. 3	• 2	29.8	658
. _	£-08	99.5	73.5	35.	17.0	9.1	4.5	2.4	• 3	•2	29.6	66.
	/:11	9 .2	39.7	15.	6.7	3.1	1.0	-3			71.2	709
	13-14	/3.5	18.5	6.0	2.0	.7	.4	.1			15.7	717
	1 % -1 7	63.0	14.1	5.9	1.2	. 4	•1				14.1	692
	16-2.	75.9	21.0	8.4	2.5	. 4					16.5	671
	21-23	80.6	37.6	14.5	6.7	3.9	1.8	• •	. 4	.4	21.3	675
	·		-			ļ					-	-
	·	<u> </u>	-		-							
	-			-	-							
TO	TALS	5 • 1	42.2	18.1	8.2	4.0	1.9	. 8	• 2	• 2	21.0	541.

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RELATIVE HUMIDITY

STATION STATES STATES STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L S.T)	10%	20%	30%	40%	50%	60%	70%	80°.	90%	RELATIVE	NO OF OBS
<u> </u>	3-02	5.6	14.4	1.1							15 • ' ·	625
	3-05	4.2	33.9	4.9	-3					ļ 	16.9	634
	<u>5-04</u>	92.9	33.2	4.7	t						10.5	638
	្រ · -11	57.0	4.1	.4						ļ	11.	654
	12-14	2:.6	1.6				<u></u>				4.1	683
	1 ^c - 1 7	18.9	. 9								8.2	652
	120	39.9	1.9	٠٤						 	4.9	647
	1-23	6 -1	3.5	. p							13	634
	·		+								-	
	<u></u>		ļ		 		· · · · · · · · · · · · · · · · · · ·	 			-	
		<u> </u>	ļ	ļ						·		
	<u> </u>										-	
TO	TALS	. 7	11.7	1.5							13.2	5222

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RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAGE	FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	((S T)	10%	20%	30%	40%	50%	60°•	70°∘	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
Juc	D3-02	2.3	6.6	• ?						ļ ————	14.3	656
	3-05	3.6	18.6	. 6						i i	16.6	671
	80-0	91.1	17.2	1.4	•2					ļ 	16.4	662
· · · · ·	u >−11	47.6	4.6	. 4		 					11.0	708
<u></u>	12-14	15.6	1.3								3.2	707
	15-17	12.5	.9								7.5	703
	i. -2 6	27.8	.7				:				9.1	ن د ع
_	21-23	57.1	1.5								11.	657
		1										
te es												
	TALS	3.6	6.4	٤. •	ر. •						11.4	5451

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RELATIVE HUMIDITY

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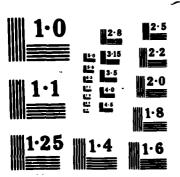
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAGE	FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST) +	10°•	20%	30%	40%	50%	60%	70%	80°.	90°-	HUMIDITY	OBS.
ź	0-02	4.3	5.6								14	625
	.3-05	19.1	14.9	1.6	• 4						17.5	67.
	no-ra	98.0	15.2	1.9	• 3	• 2					17.3	643
	<u> </u>	2.3	1.7	• 3	• 1						11.0	697
	12-14	27.8	. 9	•1							٠.٩	601
	15-17	12.8	. 7								8.1	695
	1:-20	35.7	.7								۶ . ۶	6=1
	1-23	77.7	2.	<u>.</u> ف						ļ 	12.5	647

10	TALS	7,6	5.3	• t	• 1	•					12.0	5356

USAFETAC 0-87-5 (OL A)

RIYADH SAUDI ARABIA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY ILISOCS...(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85 USAFETAC/DS-85/024 F/G 4/2 46 AD A159 667 NL UNCLASSIFIED



SELECTIMATOLOGY BRANCH SEETAC A" LEATHER SERVICE/MAC

RELATIVE HUMIDITY

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	-	STATION		

YAUM SAULI ARABIA
STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
<u>err</u>	0-02	76.3	15.8	1.4	•5	•2					17.2	647
	3-05	19.2	40.6	3.8	1.0	•6					20.3	628
	06-0a	99.8	47.5	4.9	1.1	1.0	• 3				21.0	629
	09-11	77.5	6.1	1.3	•4						13.7	667
	12-14	33.4	•6								4.7	671
	15-17	19.8						·			8.6	677
	15-20	53.8	-8								11.5	653
	21-23	8.8	6.8	• ?							14.4	660
	ļ		-									
			 									
	ļ											
101	tals	71.3	14.8	1.5	.4	•2	٥.	<u> </u>			14.5	5232

USAFETAC

0-87-5 (OL A)

JE FAL CLIMATOLOGY HANCH

LTAC

A - EAT ER SERVICE/MAC

RELATIVE HUMIDITY

4 34383 STATION STATION NO. STATION NO.

7-84

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
<u>CI</u>	00-02	98.4	62.8	18.5	10.1	5.2	6.7	4.1	2.3	•2	26.4	61
	.3-05	99.5	78.7	26.8	13.6	9.9	8.6	5.9	2.3	•2	30.3	63
	u6-08	99.2	78.9	32.6	14.5	11.2	8.5	6.6	2.8	.9	31.1	63
	r: ? -11	91.9	35.2	14.8	8.8	6.4	4.6	2.7	1.2		22.2	60
	12-14	72.2	15.2	7.7	4.6	2.7	1.1	1.0	.4		15.9	69
	15-17	62.7	13.0	7.5	5.3	2.9	2.0	1.3	.6	•1	14.9	68
	1 = -20	95.3	18.8	9.0	5.3	3.3	2.6	1.5	.3	 	18.5	65
	21-23	.6.2	38.2	12.7	7.2	5.3	3.6	2.9	• 6		22.4	65
												_
10	TALS	3.2	42.6	16.2	8.7	6.2	4.7	3.3	1.3	•2	22.7	527

USAFETAC #084 0-87-5 (O) A)

CLIPAL CLIMATOLOGY BRANCH A TO WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4 14 80 STATION

HIYADH SAUDT ARABIA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80°•	90%	RELATIVE	NO. OF OBS.
10 V	00-02	100.0	96.9	72.8	42.4	20.9	10.6	4.6	1.4	•5	46.7	651
	03 - 05	100.0	99.7	83.5	59.4	33.6	17.8	8.5	2.8	• 5	46.0	636
	36-08	100.0	99.7	85.1	62.6	38.0	21.4	9.7	2.6	.3	47.5	65
	Cy-11	100.0	85.0	56.2	32.5	17.1	9.2	3.3	.9	-1	35.7	60.
	12-14	98.1	66.4	30.0	14.0	7.7	3.3	1.7	1.2		27.7	691
	15-17	97.7	57.3	25.0	10.7	5.1	2.5	1.3	1.6	•1	25.6	689
	18-20	99.8	77.8	40.	17.7	7.7	4.5	2.0	1.1	•2	30.5	666
	21-23	1 30.0	92.9	58.8	29.7	13.7	6.9	3.6	1.2	.3	36.2	694
	ļ											
TO	TALS	.9.5	84.5	56.5	33.6	18.0	9.5	4.3	1.5	.3	36.3	537

USAFETAC

0-87-5 (OL A)

SE PAL CLIMATOLOGY BRANCH SELTAC A. S. FATSER SERVICEZMAC

RELATIVE HUMIDITY

4 24 38 0

RIVADH SA JOI ARABIA

77-84

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
HTMOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
פבכ	:0-02	130.0	99.9	96.9	81.5	46.0	25.6	15.3	5.3	1.3	52.6	68
	03-05	1 0.0	100.0	98.3	90.7	59.9	34.0	19.5	8.3	1.9	57.0	636
· · · -	06-Da	100.0	100.0	98.8	92.3	66.1	39.7	21.2	9.5	2.3	58.4	652
	13-11	100.0	98.4	84.4	60.2	32.2	17.0	8.6	3.3	•3	45.8	776
	12-14	y 9. 7	86.4	58.1	26.8	13.5	5 . 8	4.1	1.8	-1	35.3	71.
	15-17	99.3	86.5	46.9	21.9	13.5	6.2	4.2	2.0		33.2	712
	1 2	100.0	95.8	73.3	35.8	16.3	7.9	5.0	2.4	.7	39.2	73
	1-23	1 -0.0	98.4	90.1	60.0	30.5	15.0	7.9	3.7	1.4	46.3	701
				<u> </u>			ļ	-				
to	TALS	19.5	95.9	\$0.9	58.7	34.4	16.9	10.7	4.5	1.0	46.0	551

USAFETAC ADMI 0-87-5 (OL A)

OL TAL CLIMATOLOGY BRANCH

LEATHER SERVICE/MAG

RELATIVE HUMIDITY

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RIVADH SAUDI ARABIA

77-84

FRICO

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	,		PERCENTAG	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	OBS.
JA	ALL	150.0	97.6	87.8	56.1	32.5	15.5	3.4	3.2	•6	45.0	5181
· E		79.7	89.6	63.3	39.4	22.3	11.6	6.6	3.1	• 6	39 • 2	4624
~ A <		98.2	80.7	52.5	30.9	18.0	10.9	6.4	3.0	.9	35.7	5393
a P		74.4	63.6	34.	17.1	9.3	4.7	2.6	1.1	.4	28.2	5333
15.4		-6.1	42.2	18.1	8.2	4.0	1.9	.8	•2	•2	21.0	5410
J		09.7	11.7	1.5	•1		<u></u>				13.2	5222
J ! [3.6	6.4	• 3							11.9	5451
A !)		o2.6	5.3	•6	• 1						12.6	5356
, <u>t</u> , L	į	11.3	14.8	1.5	. 4	•2					14.5	5232
C †		38.2	42.6	16.2	8.7	6.2	4.7	3.3	1.3	•2	22.7	5272
No.		.9.5	84.5	56.5	33.6	18.0	9.5	4.3	1.5	• 3	36.3	5377
Drc		9.8	95.9	80.9	58.7	34.4	18.9	10.7	4.5	1.0	46.C	5515
	TALS	4.5	52.9	33.9	21.1	12.1	6.5	3.6	1.5	. 4	27.3	63556

USAFETAC ADMIN 0-87-5 (OL A)

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PART

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly symoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

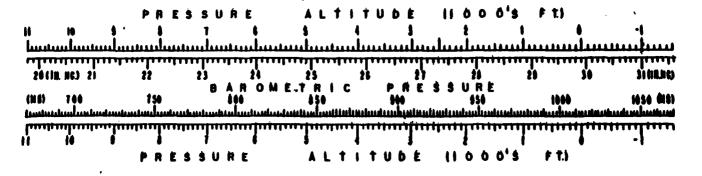
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure.

- 1. Station pressure is presented in the table in inches of mercury,
- 2. Sea-level pressuré is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibers to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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IN BAL CLIMATCLOSY BRANCH D'ASLTAC AIS LEATHER SERVICLEMAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY DESERVATIONS

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7-84

YEARS

STATION			STA	TION NAME						YEARS				
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN S.D.	2761				,								27.791
	TOTAL OBS		93											.153
	•	. l.s	155	201	1-6	192	, <u>184</u>	+ <u>187</u>	<u>192</u>] 9 & :	, <u>105</u>	- 2: 0	221	2341
	MEAN	27.747	77.697	27.830	27.767	27.70£	27.606	27.524	27.567	27.696	27.84	27.916	27.954	27.77
	S D.	91	.095	•112	59	.065	•€67	.015	.048	.C6u	-058	.094	•075	.165
	TOTAL OBS	. 201	1-5	232	210	23:	1.98	213	212	254		2-14	214.	2467
	MEAN	27.917	7.912		- 27.790	D7.72H	27.630	27.547	77.589	57.721	27.867	 57-935		27.786
	, 5 D.		.(45											•160
	TOTAL OBS		178.							196				
	MEAN	.2: •305	D7 50	7 900	27 220	h7 74)	7 454	27 572	27 416	h				
	S. D	.21 005		•115	–	-	1 -		r	• 062				27.826
	TOTAL OBS		197							-22.			• '74 • -214 -	•169 • 265 1
	MEAN	†						<u> </u>					• • • • • •	
,	S. D	27.973	.094							F	27.866 2065		,	27.796
	TOTAL OBS		214					1		1			•776 	•163 • • 271 0
	MEAN	+												
	S. D.	27.906												27.740
•	TOTAL OBS		191			•065	224	1	1	220	36°°			•15e • 263 e
											+			· -
	MEAN							27.493	27.538	27.67	27.621	27.996	27.934	27.741
	S. D. TOTAL OBS		. 101										-07₺	.169
	:	21-	196	23	228	227	217	234	231	211	+ 551	- 215	231	-2660
	MEAN	27.962	27.915	27.843	27.776	27.7-4	27.610	27.533	27.577	27.711	27.859	27.929	7.970	27.784
1	5 D	. ეc g	.090					.055					.076	.166
	TOTAL OBS	21.	187	232	214	213	100	214	207	201	207	222	231	2512
ALL .	MEAN	27.955	27.9.7	27.841	27.778	27.715	27.614	27.533	27.576	27.707	27.854	7.926	27.960	27.779
HOURS	S. D.	. 3	.100	-					F		F	F	F	
	TOTAL OBS	155	152A											20341

TAL CLIMATCLOGY TRANCH SATETAC HEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

EA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVITIONS

1742

ATEARA ICHASARA SARASTA 77-84 STATION STATION NAME HRS ILST FEB. MAR. SEP. JUN. 2 01-0101.-01014-71011-61007-91003-51000-21001-61007-11013-91017-61.70-6 1311.4 3.524 4. 33 4.998 4. 75 2.895 2.421 2.191:1.9 2 2.551 3.093 3.539 3.379 TOTAL OBS 15 166 189 169 177 194 233 196 198 195. 135. Cl. 3090-21017-81014-21010-61007-41002-6 999-51001-21 76-61015-41017-61 70-03 3-917 3-968 4-032 3-835 2-786 2-473 2-168 1-956 2-586 2-586 3-467 3-413 5.0

7.808 2241 7.796 TOTAL OBS 22 211 232 231 236 226 238 245 231 24 2178 1021-1101--61015-21011-91008-71004-11000-91-02-71-008-01014-61-16-61-71-1 1012... 3.558 4. 09 4.080 3.904 2.702 2.421 2.200 2.003 2.327 2.361 3.364 3.311 17 139, 194 1.72 216 203 211 213 203 210, 216 206 7.625 TOTAL OBS MEAN \$1072. 1020.31016.91013.01009.61004.81001.51003.41006.91015.5102..11.22.7 1013.2 3.91: 4. 62 4.872 3.673 2.860 2.487 2.169 2.160 2.62 2.25 3.48 3.371 237 29, 242, 235, 221 2 4 226 235 234 233 237 1071.0101-.71015.21011.91000.51 103.91000.71002.41007.51014.3111-.31 126.9 S.D. 4.06 4.132 4.66 3.635 2.76 2.456 2.095 2.100 2.414 2.432 3.546 3.283 214 1-7 212 2.6 222 206 207 215 211 223 222 233 7.644 TOTAL OBS 214 1-7 212 2.6 227 1013.60016.31013.01003.61 06.61002.3 999.3 000.71005.01012.41016.21018.7 4.1 4.149 ...901 3.769 2.772 2.459 2.202 2.253 2.335 2.372 3.676 3.394 1010.7 7.391 2 1, 221 236 234 233 _____3 ...221 1814.71016.91013.51610.01606.51002.1 999.21000.61006.31013.21017.31000.0 4.117 4.199 4.492 3.730 2.751 2.296 2.174 2.079 2.6.5 2.424 3.612 3.315 7.825 TOTAL OBS 201 196 2 2 1:4 275 2.3 215 <u> 216. 225. 116.</u> 1021-1101/-41 14-91011-01007-41003-01000-01001-41007-41014-3101--51-01-1 1011.6 S.D 4.054 4.032 4.961 3.706 2.928 2.400 2.307 2.140 2.604 2.995 3.681 3.42 2 2 2 5 236 229 27E 226 226 238 226, 233, 233, MAN 1070. 1. 18.21014.71011.21007.81003.31000.21001.81007.21014.01015.11020.5 ALL 1 4.15 4.225 5.020 3.939 2.972 2.572 2.319 2.275 2.676 3. 72 3.779 3.521 1 1672 1591 1732 1699 1763 1696 1715 1780 1782 1795 1771 1821 7.83. TOTAL DOS

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USAF ETAC PORM 0-89-5 (OLA)

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